

News editor Lewis Blackwell 01-555 7777 ext 472

## Developer takes over at Fulham

SHAW Associates will be drawing up plans for a residential development at Fulham Football Club following the announcement that the club has been sold to developer Marler Estates for £9 million.

Director Chris Shaw, whose firm is also involved in the redevelopment of Chelsea's ground at Stamford Bridge — also owned by Marler Estates — said the Fulham scheme "will incorporate a football ground".

"But the site is dramatically different from Chelsea and it is impossible to say at this stage how big the housing development will be."

He said Shaw Associates would be working closely with Hammersmith council "to iron out any difficulties with the site".

## Bath plan cold water

CONSERVATIONISTS in Bath have attacked the city council's plan for development up to 1994.

The Bath Preservation Trust believes policies proposed will threaten the future of Bath. Changes in planning and stricter supervision of planning applications in the conservation area to give "a good idea of the materials, design and landscaping".

A key objection is the trust's opposition to Bath being promoted as a regional shopping centre.

## Foster's win

FOSTER Associates have won the R S Reynolds Award for distinguished architecture using aluminium for an unprecedented third time, for the new Hongkong Bank headquarters.

## RA success

THE Royal Academy summer exhibition has attracted the highest architectural entry since 1939 — 420 designs have been submitted against 277 last year.

## Housing reports fail to satisfy DoE's critics

THREE reports highlighting the success of the DoE's Urban Programme have failed to satisfy critics, who have pointed to disturbing examples of serious neglect of Britain's housing.

Liverpool, Sunderland, Glasgow and Belfast are the worst examples of "urban decline syndrome", while London has slipped from 9th to 29th in the league. Income, unemployment, migration, and business and tourist travel were all factors that were considered.

A report by the Building Employers' Confederation (BEC) says that unless the Government is prepared to recognise the need for a steadily expanding programme to improve Britain's building stock "there could be a major housing crisis in Britain well before the end of the century".

The BEC's report, *Neglected Britain*, identifies three areas — schools, housing and hospitals — that need urgent repair.

### ...signing off...



Building Design, London SE18. Every Friday. Copyright 1988 Eternit Ltd. All rights reserved. No part of this publication may be reproduced in whole or in part without permission. Member of the Audit Bureau of Circulations. Printed by Phoenix Typesetting Ltd, Rutherford House, 600/620 Rutherford Avenue, London NW10 6JL. Registered as a newspaper at the Post Office.

## RIBA under attack over delays in nuclear study

TIDE RIBA Inquiry into the effects of nuclear war on the built environment has still not started — more than three years after its inception — and appears to be dying from official neglect.

The inquiry, which has been dogged by controversy, was finally awarded £5,000 backing last November, after a group led by Richard Rogers opposed plans to axe funding.

But six months later, RIBA top brass have yet to appoint a chairman.

An RIBA spokeswoman said a senior institute member had

### By John Wood

turned down the job, and it was still seeking extra funding. Kate Macintosh, chairman of Architects for Peace, which backed the report, condemned the lack of progress.

"It says little for a supposedly democratic organisation that despite all the affirmations (for the report), still nothing is happening," she said.

The report was originally suggested during an RIBA debate on nuclear shelters in April 1983, and at a council meeting that July it was backed by Macintosh and fellow-councillor Jake Brown.

Originally modelled on a British Medical Association effort, the inquiry "swivelled" to a £500 pilot study chaired by Owen Lader.

In the following two years the group went to the RIBA Council

three times calling for funding. Ironically, another initiative by Brown may help to save the report.

The Ethics Charter, which went before the Council on Wednesday, states nuclear power and weapons represent a threat to civilisation. Discussion on the charter could help bring the report back to the fore.

In the afternoon, architects



The problems of rebuilding the Parthenon out of 10,000 car tyres in Edinburgh's West Princes St Gardens left a man last weekend. Lack of helpers and the inabilities of fire control officers did not help.

The addition of chain link fencing and floodlights at the base of the local authority was taken at his phlegmatically by Moeb, who is perhaps best known for his notorious tyre sculpture of a submarine on the South Bank.

In London, the subject of an arson attack.

The former Dundee College of Art sculpture made from 300 high standards of David Mach art.

next major commission.

The recreated Parthenon is part of an open air exhibition organised as part of Edinburgh's "Spring Flings" celebrations. (Photo: Stuart Buxton.)

Conference line-up named

Lloyd details of speakers for the RIBA conference have now been revealed.

The three-day event on the theme of cities will be opened by environment secretary Kenneth Baker on July 10.

On July 11, Rob Krier will lead off with "The Theory of Cities", followed by Ken Livingstone on "Politics and Finance in Cities".

In the afternoon, architects

including James Gowan, Rem Koolhaas and Kevin Roebuck will discuss "Architecture in Cities".

On July 12 there will either be tours to the new Lloyd's building and the Queen Elizabeth Conference Centre designed by Powell, Moya & Partners, or a guided tour of London's 1930s cinemas and a special visit to the exhibition at the Heinz Gallery.

"London: Images from the

Modern City".

Delegates can also see new Arts Council films "Architecture of Frank Lloyd Wright" and "A Walk in the Woods".

The conference fee of £150 covers attendance sessions.

More details, including information on how to apply for the RIBA/Building Inter-

Trust free places, are available from the RIBA Events Office.

# BUILDING DESIGN

The weekly newspaper for the design team

FRIDAY MAY 30 1986

## Go private or risk your jobs'

# PRESSURE GROWING FOR PSA SHAKE-UP

A GROUP of architects have voted for workload guarantees and more details of a financial package being offered to them to go private or risk redundancy.

North West Thames Regional Health Authority has offered help to architects, surveyors and engineers in setting up their own practice so they can compete with the private sector for hospital contracts.

But the 110 building staff in the authority — who only design 10 per cent of the area's £40 million hospital building programme — are wary of the proposal.

The authority has come up with the scheme as part of its plan to streamline its design and building services department in response to a government circular on health service efficiency issued last year.

Staff have been offered three options:

- reform their separate architects, engineers, and surveyors divisions into smaller multidisciplinary groups with the loss of 12 staff;
- accept redundancies and allow their work to go out to private practices;
- accept help from the region to set up their own practices.

Both of the latter options would mean staff losses of up to 82 posts, leaving only a small group of 30 to manage contracts, advise the districts and supervise the work of consultant firms.

The RIBA said it had "serious doubts" about any advantages of the privatisation scheme: "We believe the work of house professional teams is essential to the efficient handling of NHS building."

But besides lack of confidence in the PSA's management of projects, museums and galleries want to have more accountable cost and quality control.

The V&A, for example, has a £26 million urgent repairs and modernisation bill.

The British Museum, which is expected to lead the way in being "united" from the PSA, said a major concern was that "we have no direct control over the chaps with the hammers and chisels, many of whom are recruited by the day and need supervision by our own security staff".

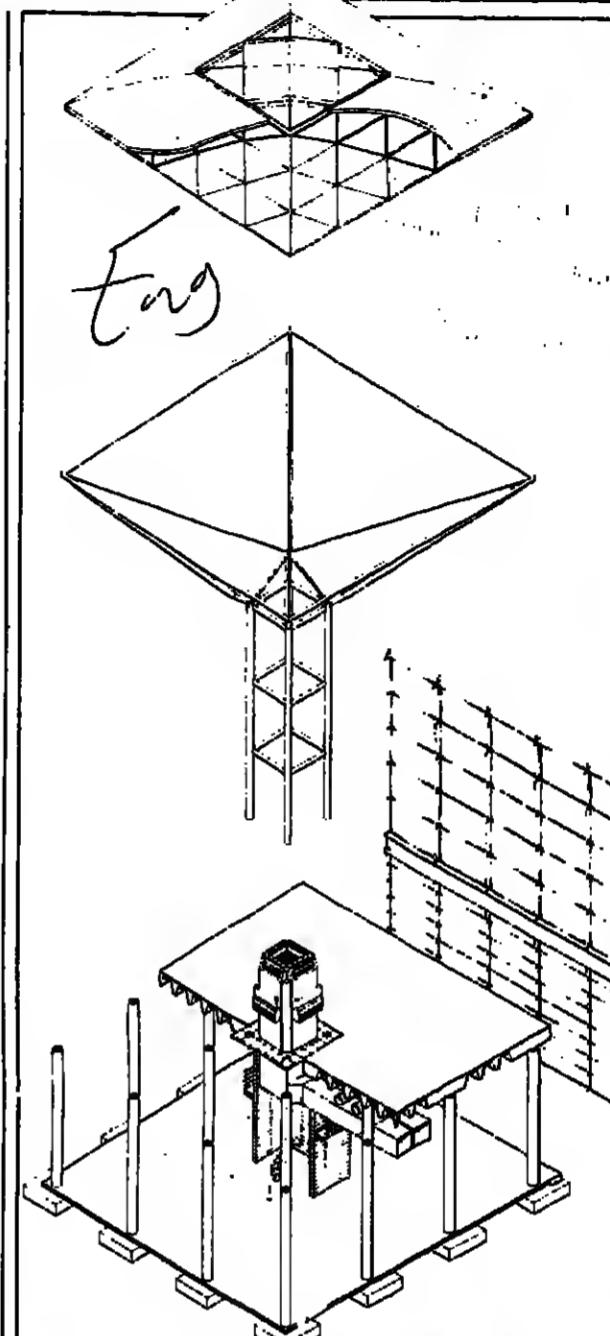
## Designer billions

AMERICA'S top 500 design firms had a combined revenue of more than \$1 billion in 1985.

According to the magazine

Engineering News Record, engineer-architects took 52 per cent and architect-engineers 11.

Pure architects took just 4 per cent. The highest placed architect was in 51st position.



## Stansted designs unveiled

Plans for the expansion of London's third airport have reached the final hurdle.

The British Airports Authority has applied to Uttlesford District Council for detailed planning consent for the Foster Associates designed terminal at Stansted, Essex. (The picture shows the relationship of the structure to the undercroft, essential services, roof and cladding.)

With an annual capacity of 7.8 million passengers, the terminal represents around half the cost of an eight-year £290 million expansion plan.

If planning permission is obtained, building will begin later this year with opening scheduled for late 1990.

In addition to the terminal, 10 per cent of the area will be allocated to landscaped areas including the planting of 250,000 trees and shrubs.

All public facilities are provided on a single concourse floor with arrival and departure zones side by side, while transport planning is helped by an undercroft to incorporate a proposed British Rail station. There are no engineering services at roof level, permitting a simple form free from mechanical plantings or equipment.

Simplicity is keynote of the terminal design, which reduces walking distances for passengers and keeps routes largely linear.

More pictures page 10

## Postal problems?

Some readers are reporting occasional problems of late delivery of BD. If this affects you, please help us identify areas of difficulty by completing the reply-paid card between pages 12 and 13.

## CURVED SECTIONS STRUCTURAL SECTIONS, TUBES & R.H.S. IN STEEL AND ALUMINIUM



IF ACCURACY AND APPEARANCE MATTER SPECIFY ARCH • LINE

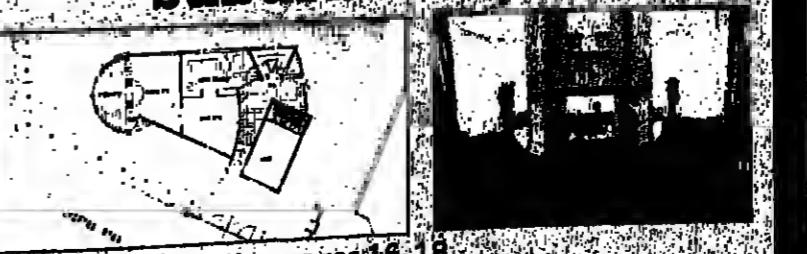
ARCH-LINE  
THE ANGLE RING CO. LTD.

Bloomfield Rd., Tipton  
West Midlands DY4 9EH  
021-557 7241 Telex: 335513

## INDEX

Editorial 1, News 3-7 and 40, Infill 9, External 9, Perspective 10, Scroplo 11, Letters 12, Legal 14, Features 15-18, Books 24-25, Product reviews 26-28, Dateline 29, Information service 29, Product news 30, Services 30-31, Classified 31-32, Listings 32, Information 33-35, pages 16-18

## Suburban style



Enter 1 ON EXPRESS ENQUIRY CARD

Eternit  
2000

Meeting your problems for you.

Eternit Building Products Ltd

ABC

Building Design, London SE18. Every Friday. Copyright 1988 Eternit Ltd. All rights reserved. No part of this publication may be reproduced in whole or in part without permission. Member of the Audit Bureau of Circulations. Printed by Phoenix Typesetting Ltd, Rutherford House, 600/620 Rutherford Avenue, London NW10 6JL. Registered as a newspaper at the Post Office.

Enter 24 ON EXPRESS ENQUIRY CARD

## Rostrum

THE annual exhibition of architecture as part of the Royal Academy's summer show is one of those illigibilities which work.

This year's selectors have admitted the difficulty in discriminating between "good drawings of a rather rotten building" and "bad drawings of good pieces of architecture". At least that suggests a confidence that they know the difference. One of them, Leonard Manasseh, emphasises the value of showing representations of works of architecture which will attract the general public, so justifying the inclusion of all sorts of fanciful projects, competition entries and even student schemes which may well confuse the layman into thinking that more than a small proportion of the buildings illustrated will actually be built.

Drawings, of course, are seductive and models even more so; most elaborate presentations come from very successful firms who can employ expensive artists and from the much less prosperous who live the time to do the work themselves. Whatever the motive, more architects find the expenditure of resources worthwhile. This year 420 entered and 150 are shown, the

David Pearce reviews that annual curate's egg, the architecture show at the Royal Academy Summer Exhibition.

## Playing to the gallery

latter figure just exceeding the total entry two years ago.

Seeking immediate generalisations about the 1986 show one can recognise growing design confidence in amazingly disparate design styles; a greatly reduced number of projects abroad (one small scheme, a sports pavilion in Saudi Arabia, and one large one, a gaudy hotel for the USSR of all places), a resurgence of drawing as such — and often in gimmicky pencil and/or ink — that — many of the more exquisite being apparently the work of students or graduates from abroad; and the triumph of the medium over the message by the inclusion of

many drawings, and even editions of prints, for sale. Some of these would appear to have been done specifically for the show and for the advertisement, and even income, which it offers.

In common with the Academy in general, the architectural room is fascinating because of, rather than despite, its catholicity of taste; it is a unique annual exposure of what is happening in and on the minds, drawing boards and sites of many of those responsible for what buildings are going to look like in the immediate future. Many distinguished practitioners take the opportunity to publicise their work, knowing quite well that it might be apparently out-shone by an imaginative drawing by a third-year student hung next to it. So here is a chance to take the temperature of British architecture in 1986, as practised by the knight and the student, the one-man practice and the 100-man firm, the high-technician and the Classical revivalist.

First, the increased confidence: the *mea culpa* days of "where were you when they built the high-rise housing, Daddy" are over at last. Dogma has been abandoned along with the guilt. "Context" is the key word, each building a one-off contribution to a particular place. Quality is sought, and often achieved in finishes and materials, all the more easily after the abandonment of belief in repetition and prefabrication. Traditional materials are used, often traditionally. Such approaches do not rule out ornament, though there is little to be seen here. Indeed, there are few flights of the wilder forms of post-modernism. In those respects the RA is as old-fashioned as one would imagine in a show selected by a team of middle-aged Modernists.

That may, however, not be the reason why neoclassicism as such has gained no more ground. Quinlan Terry is as usual represented by a large drawing of quite a small building, but the expected army of colours has not turned up. His "New Howard Building" for Downing College, Cambridge, is a witty late 17th century essay with a very mannered doorcase and odd little cupolas (ventilators) at each end of the pitched roof, proving what wickedness Classicals can get away with once they get their basic proportions right. Other Classical drawings are mostly fanciful

"Tower of the Orders", by Robert Adam of the Winchester Design Partnership, depicts on imaginary street leading to a classical tower. All the buildings have been designed specially for the drawing and include a variety of examples of the uses a brick in a contemporary Classical manner.

The street contains a crowd of people representing Classical architects from continuity of Classical from antiquity to the present day.

The Tower of the Orders represents the ancient ideal of Classical architects is translated as "derived from the true things of nature". A large geron figure of Adam is represented discussing the terracotta fern leaf designs which appear tongue faro is shown growing in the immediate right foreground.

Sir Edwin Lutyens lighting a pipe in the centre, John Belcher and Sir Aston Webb conversing behind Lutyens, and behind them C R Cockerell and Sir John Soane.

little numbers for sale, most shameless among them being Robert Adam's Tower of the Orders which, like many of the more striking pictures here, is more impressive in general impact than in detail. The Roman town in the foreground is drawn with Adam's usual brio, however, and one could forgive almost anything of someone who has the nerve to people his streets (apart from himself — prominently) with men of various periods in appropriate costume and one woman, naked apart from some leaves in her hair; 100 prints are available at £98 each!

Other historical exhibits include several beautiful measured drawings, notably of St Andrew's church at Alfriston by Jeremy Whitlam and Robert Pearce. There is also a delicate and imaginative "Greenwich Waterfront 1790" by Vaughan Hart. The first is not for sale, and the second effectively so, at £5,000. Historic repairs are best represented by Donald Insall's office, a superb coloured, cutaway axonometric of the University of Aix-en-Provence, France, with its original Gothic features removed and replaced by a replica in fake stone. Siddell Gibson's drawing, surely a product of photogrammetry, is very fine and so, apparently, is their planning. Having seen some of the alternatives here one has just a little sympathy for the assessors. Nice drawings, bad buildings.

That is not so in the case of the equally unhappy National Gallery exercise; Venuri is going to have to be very good to improve upon Colquhoun & Miller's lovely abstracted Classicism, which promised to be both authoritative and reticent. Another front-runner, Jeremy Dixon, does not show his NG drawing in the best tradition, not only beautiful

example and is representative of his own style. Duveen's Hall, stepped gables and all, Holland, including its Stijl-like windows, life of me, and much of them, I find difficultly British 19th century. Another competitor, for a riverside development in York, is represented by a delightful little medieval town & Thorntown unlike that by the Carpenter & Stiles' Association. It is prefaced on several occasions with very solid looking "houses" looking like scurvy boxes. Such a lack of historic quotations is unique in this year's show.

I have left the "minimal till last, namely the site of the best buildings and drawings, to adopt like a dichotomy. Well a few Colquhoun & Miller's being in bottegaione, Mark Taylor's ICI (shown in fact) and perhaps assisted designs, something the John Quiram via Sir Alfie Allsop, if I knew what he was. Much the same goes for exhibition building by the Design Group. There is no fantasy nor mystery about Leslie Martin's Gillette Centre of Modern Architecture just the sure architectonic of one who has come shaven that less is more by touching to see Sir Le exhibiting a diploma work mark his election as a member of this stage of career. John Partridge's Victoria Tower of the House of Commons a good building.

Among stunning drawings the choice is rich — whether that I am particularly grateful James Cribbin & Partners, entering their hotel at Oldham, which is hardly built on drawing and as a building. One cannot but be impressed by several colourful and substantial perspectives with some and plans incorporated in a typed-up manner. Two of these are by Green, Hig Adams — of Somerset House and of Barclays Bank, Hendon Street. More modern, but equally exuberant, is a drawing of the Kaliptope Kontogoulof the Ronald's design for Schools Lane community centre. There is also a huge scheme by Edmund Low for St Enoch's Interchange, Glasgow.

Staff were originally asked to bank the special payment but disciplinary body officers are concerned that most of the money could be spent.

The authorities could have to recover individual injunctions to recover the money.

A new date for Drummond's assault charge against Hall has been fixed for June 9 and Drummond plans to demand a council hearing immediately after that date.

He is keen to end the uncertainty surrounding his position and his future with the council.

Meanwhile, Drummond has been appearing in the High Court in a building disputes case relating to private design work he was involved with.

Meyer, who has been offered the chance to take early retirement, information from RIBA events: 01-580 5533 (ext 4334).

## Covent Garden scheme attacked

LOCAL community groups and Camden council are challenging plans for major redevelopment in Covent Garden.

The opening rounds of their fight came at a public meeting

Chapman Taylor and GMW — commissioned by the Mercers Company — have drawn up schemes for two warehouse sites bounded by Long Acre, Mercer Street, Shelton Street, Langley Street and Neal Street.

Chapman Taylor's scheme is a refurbishment for offices, retail space and restaurants. The other warehouse will be demolished and redeveloped by GMW for offices, retail and light industrial.

Camden has already made informal objections to the scheme and said it would urge Westminster to do the same.

BEC president

QUANTITY surveyor Peter Horsepool is the new president of the Building Employers Confederation for 1986/87.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

A spokesman from the CGCA said the application would be discussed by the new joint consultative committee for Covent Garden, with representatives from Westminster and Camden councils.

Camden has already made informal objections to the scheme and said it would urge Westminster to do the same.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

Covent Garden Community Association argues that the warehouses should be retained because they are among the last

surviving examples in the area.

The Greater London Council turned down planning permission for the schemes last year. Both will now go to Westminster council for approval.

## News

**Cardiff's brave new dockland proposals**

CARDIFF architects Holder & Mathias have drawn up a preliminary scheme for an £80 million redevelopment of Barry Docks.

A major aspect of the project would be an entertainment and leisure centre. Suggestions for the site include a 700-berth marina, a marina village and tourist accommodation.

Partner Peter Mathias said the resort ideally would include two separate "theme" villages of "idiosyncratic design".

The scheme is seen as a brave attempt by the owner — Associated British Ports — to upgrade the area, which has suffered from a gradual decline and is now mainly derelict dockland.

Mathias said the response to the scheme from the local authority and the Welsh Office had been "enthusiastic".

**Hackney reaffirms pledge to seek UIA presidency**

ROD Hackney has attacked the way the RIBA last week chose Owen Luder as its candidate for the UIA presidency, and vowed he will still stand in the elections next year.

He accused the RIBA hierarchy of using the institute to settle personal vendettas and

**By John Wood**

said that running a candidate against him would make it look foolish.

"They lobbied hard for me as vice-president last year," he said. "But this year they are saying 'Don't vote for Rod, vote for Owen'."

Hackney said he would like to see the evidence for RIBA president Harry Rolland's claim that there was a groundswell of

opinion for Luder's nomination.

"Owen was a good president, but what the president is saying is there is a movement in the regions against community architecture and against Rod Hackney," he added.

"But I believe this week's council elections showed the opposite to be true."

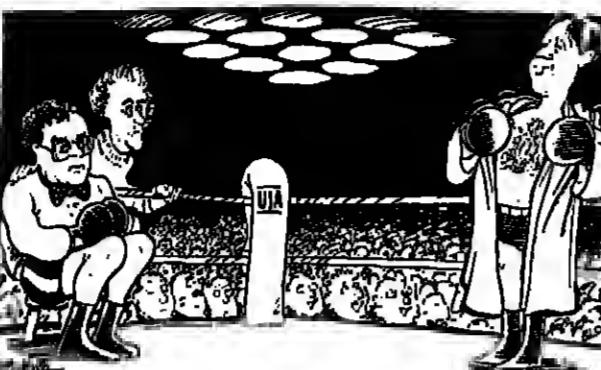
He said several members of council had contacted him since they had been outflanked.

To stand for the UIA, Hackney will need to be nominated by a foreign institute, and also raise £30,000 a year to cover costs if he is elected to the three-year post.

Luder was unrepentant about the controversy surrounding his nomination, and the prospect of competing with Hackney.

"It's sad — but it's not of my making," he said.

"I sensed a feeling of un-



"It's now up to the voters. If you want support it's important to have friends."

Although he understands the nominations do not need to be submitted until next April, Luder would not agree the move, completed within two weeks, was unduly hasty.

"It's sad — but it's not of my making," he said.

"I sensed a feeling of un-

certainly (about the RIBA's plans) at the recent UIA meeting in Singapore," he said. "I think a decision had to be made quickly."

If he wins the elections, which will be held in Dublin in July 1987, he says he hopes to give the UIA a greater sense of direction and a higher profile.

**Travelling exhibition arrives in the States**

THE "40 Under Forty" exhibition, which toured Britain's showrooms, has opened in the US.

This time the show at the showrooms of the David Mathias subsidiary, Glen Gery, in Washington DC, New York, and Baltimore, Maryland, Baltimore and Boston, Massachusetts, has opened.

The 40 British architects involved, all under 40, were chosen by Michael Lader, Richard Rogers, Piers Gough, Adrian Gaze of Plymouth, Alan Clarke and Paul Hyett-Taylor, chairman of David Mathias.

The exhibition includes interiors, small-scale residential work and refurbishments, as well as commercial work.

Dates are: Washington DC, June 10; New York, July 1; Philadelphia, July 2; Baltimore, July 29-August 1; and Somerville (Boston), August 19-29.

GRAN Kennedy & Partners' unnnamed long-range radar station on the Island of Tora was built and handed over within nine months.

A civilian installation handling the north-west arm of National Air Traffic Control's Atlantic approaches, the station consists of a series of complex radar equipment and protective envelope designed to resist extreme weather conditions.

No attempt was made to relate the building to the Island's architecture, there being no precedent. In any case, say the architects, "the formal statement of such a building provides a dramatic and welcome contrast to the rugged landscape".

recover its initial investment in each building within three years of opening.

A spokesman for ICS said local authorities were keen to see

year-round indoor sport, bodies well for the project.

Two teams of eight players use conventional equipment and a 70g soft ball on a pitch smaller than an outdoor one and covered in a low-pile hard wearing carpet.

Cinema enthusiasts should be pleased to see old buildings being put to new uses. The Tottenham cinema, which was briefly the Starlight Bingo Hall before becoming a snooker hall and now a cricket stadium, is the fourth in the ICS plan.

"It is morally indefensible to allow land to lie vacant when it could be used for industrial development and for houses."

He praised "the triumphant success of the game in Australia, where according to ICS it is the most popular all-

**Hi-tech and proud of it**

London architects Donovon Langley could be designing up to £15 million worth of indoor cricket centres under a massive expansion plan aimed at promoting the sport.

Developer Indoor Cricket Stadiums (ICS) is opening its first London stadium in the top floor of a converted cinema in Tottenham next month.

And it has revised plans to follow this with up to 150 conversions of redundant cinemas and empty warehouses into stadiums for the sport which they claim is set to sweep the country.

The conversions are cheap at a maximum of £100,000 each and the company expects to

vacant buildings put to good use. He anticipated no planning difficulties in the flood of applications ICS were gearing up to deliver.

The conversions have an added bonus of being easily adaptable to other uses should the ICS indoor cricket scheme fail.

But the success of the game in Australia, where according to ICS it is the most popular all-

## News

**Firm could be on a winning partnership with indoor cricket****Baker takes parting shot at councils**

DEPARTING environment secretary Kenneth Baker told Parliament he is not satisfied with the rate of disposal of vacant land in the inner cities.

But he claimed things had improved since vacant land registers were set up. "Quite a lot of this derelict land is owned by local authorities, and nearly all of it is owned by statutory authorities," he said.

Baker said £90m in derelict land grant and £25m in urban development grant was available every year to assist local authorities: "I wish it were possible to educate certain councils to get on with the business of disposing of that land."

"It is morally indefensible to allow land to lie vacant when it could be used for industrial development and for houses."

He praised "the triumphant success of the game in Australia, where according to ICS it is the most popular all-

**Patten considers DIY option for tenants**

DO-it-yourself enthusiasts on council waiting lists could be given empty homes to renovate in return for a rent-free period.

Housing minister John Patten told Tory MP John Heddle during a discussion on homelessness that his suggestion was "a possibility".

He said the Labour Party had put forward a similar idea during the passage of the Housing & Planning Bill and that it was "clearly something to consider".

He agreed with another Tory that Left-wing authorities which refused to enter partnerships with private developers were denying their citizens the right to decent housing.

"I think that the tenants will,

**Time limit for action**

LOCAL authorities will be given nine months from their initial inspection of conditions in houses in multiple occupancy to prepare a strategy for dealing with them.

Previously the Government's Housing (Multiple Occupation) Bill, now going through Parliament, included no time limit. An amendment by Lord Kilbracken to that effect has now been accepted.

**More shopping centres planned for North-east**

SHOPPING centre fever has hit the North-east following the successful opening of developer John Hall's Metrocentre in Newcastle.

Three new planning applications for similar developments have been made to North Tyneside Council.

But local councils have objected to some of the plans and two schemes for sites at Seaton Burn already seem to be in doubt.

Newcastle-based architects Stewart & Southern have come up with a £24 million shopping park for a 16ha site for developers New England Properties, and Leeds architects William Gower & Partners have

**WHAT ARE THE MERITS OF ANODISING AND POWDER COATING?**

Ask the Architectural Advisory Service Centre

57-61 Gorst Road, Park Royal, London NW10 6LS

Telephone: 01-966 0833

The authoritative source for information on aluminium and steel finishes.

## News

**Conference looks at 'percentage for art'**

THE workings of the "percentage for art" system form the basis for a conference at the RIBA in Portland Place today and tomorrow.

The conference will detail how 1 per cent of the £200m cost of the Nederlandsche Middenstandsbank building in Amsterdam has been devoted to commissioning works of art.

Today's session deals with

**Steel frame passes test**

BRITISH Iron & Steel Federation houses, the most common of their type, have been given an almost clean bill of health by the Building Research Establishment.

Three types need the aid. There are 1,070 Boot houses, 1,500 Smith SJ Building houses and 470 Parkinsons.

All three are eligible for aid under the Housing Defects Act, but the estimated £20 million needed is greater than exceeds the maximum allowed.

**Yet another major plan for London City offices**

ANOTHER huge office development in the City of London is planned at the Benford House site in Aldgate.

Benford House Developers and architects Renfrew Wood Lovin Partnership have applied for outline planning permission for a 12-storey building including 40,000sq m of office space.

The proposal also comprises 1,450sq m of retail space and the creation of a landscaped plaza on a 24m span of decking covering a cutting leading to

**Designed for you, so you don't have to design for it.**

It takes full advantage of advanced flueing techniques.

And you'll certainly be impressed with the engineering.

Features include electronic ignition that dispenses with the traditional pilot light.

Increased flow rate of domestic hot water, greater modulating range of burner, and a higher

Vaillant Ltd., Vaillant Building, Heston Industrial Estate, Aerodrome Way, Hounslow, Middlesex TW5 9QH.

Telephone: 01-897 6037/8/9.

Northern Region: Vaillant Ltd., Vaillant Building, Euroway Estate, Bradford, West Yorkshire BD4 6SR.

Telephone: (0274) 688322.

 **Vaillant**  
Your partner in heating, controls and hot water.

**Get the facts about long life, lighter and wider SECRET FIX ROOFING CLIPFIX 750**

European Profiles Limited  
BRITISH CLADDING AT ITS BEST  
Llandaff, Ammanford, Dyfed SA18 3JG. Telephone: 0269 850691.  
Kings House, King Street, Bedworth, Warwickshire CV12 8LL.  
Telephone: 0203 319721.

Enter 4 ON EXPRESS ENQUIRIES CARD

The Vaillant Combi RSF. The anywhere combination boiler.

ON EXPRESS ENQUIRIES CARD

## Cardiff's brave new dockland proposals

CARDIFF architects Holder & Mathias have drawn up a preliminary scheme for an £80 million redevelopment of Barry Docks.

A major aspect of the project would be an entertainment and leisure centre. Suggestions for the site include a 700-hotel marina, a marina village and tourist accommodation.

Partner Peter Mathias said the resort ideally would include two separate "theme" villages if "idiosyncratic".

The scheme is seen as a brave attempt by the owner — Associated British Ports — to upgrade the area, which has suffered from a gradual decline and is now mainly derelict dockland.

Muthins said the response to the scheme from the local authority and the Welsh Office had been "enthusiastic".

## Hackney reaffirms pledge to seek UIA presidency

ROD Hackney has attacked the way the RIBA last week chose Owen Luder as its candidate for the UIA presidency, and vowed he will still stand in the elections next year.

He accused the RIBA hierarchy of using the institute to settle personal vendettas and opinion for Luder's nomination.

"Owen was a good president, but what the president is saying is there is a movement in the regions against community architecture and against Rod Hackney," he added.

"But I believe this week's council elections showed the opposite to be true."

He said several members of council had contacted him since the decision and claimed they had been outflanked.

To stand for the UIA, Hackney will need to be nominated by a foreign institute, and also raise £30,000 a year to cover costs if he is elected to the three-year post.

Luder was unrepentant about the controversy surrounding his nomination, and the prospect of competing with Hackney.

Hackney said he would like to see the evidence for RIBA president Larry Rolland's claim that there was a groundswell of

that running a candidate against him would make it look foolish.

"They lobbed hard for me as vice-president last year," he said. "But this year they are saying 'Don't vote for Rod, vote for Owen'."

Hackney said he would like to see the evidence for RIBA president Larry Rolland's claim that there was a groundswell of

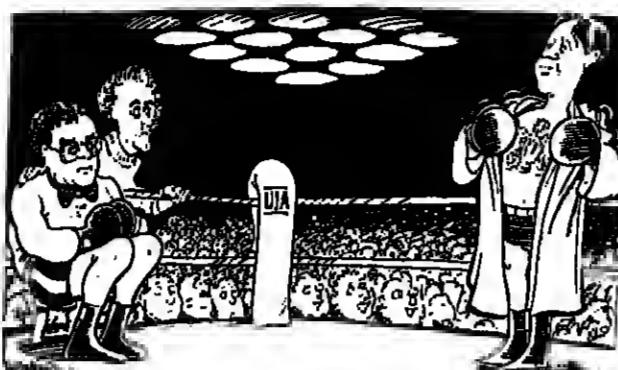
"It's now up to the voters. If you want support it's important to have friends."

Although he understands the nominations do not need to be submitted until next April, Luder would not agree the move, completed within two weeks, was unduly hasty.

"I sensed a feeling of uncertainty (about the RIBA's plans) at the recent UIA meeting in Singapore," he said. "I think a decision had to be made quickly."

If he wins the elections, which will be held in Dublin in July 1987, he says he hopes to give the UIA a greater sense of direction and a higher profile.

By John Wood



THE "40 Under Forty" exhibition, which toured Britain, Ibstock's showroom, has opened to the US.

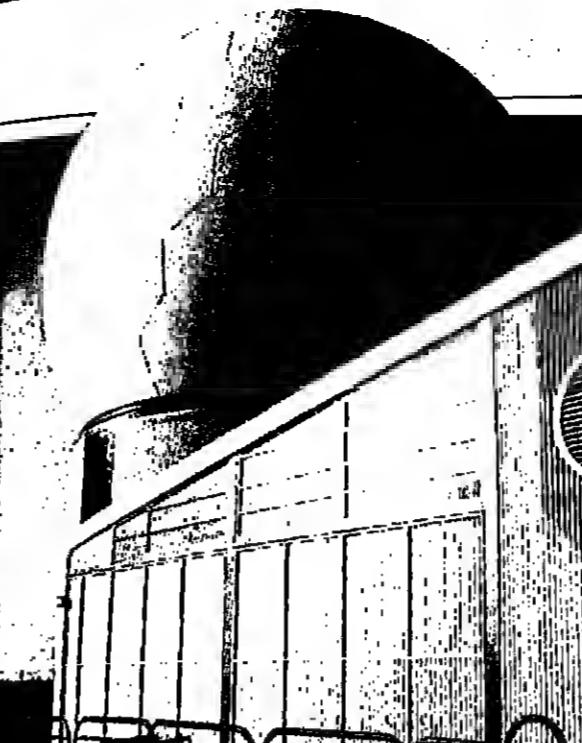
This time the show will be the showrooms of Ibstock's subsidiary, Glen Gerhart, Washington DC, New York, Philadelphia, Baltimore and Boston.

The 40 British architects involved, all under 40, were chosen by Michael, Richard Rogers, Paul Adrian Gale of Plymouth, technic and Paul Hyder, chairman of Ibstock.

The exhibition includes

work and refurbishment as

new commercial work. Dates are: Washington DC, June 10; New York, July 1; Philadelphia, July 4; Baltimore, July 29-August 1; Somerville (Boston), August 19-29.



Hi-tech and proud of it

GRA Kennedy & Partners' unmaned long-range radar station on the Island of Fireball and handed over within nine months.

A civilian installation handling the north-west arm of National Air Traffic Control's Atlantic approaches, the station consists of a mass of complex radar equipment and protective envelope designed to resist extreme weather conditions.

No attempt was made to relate the building to the island's architecture, there being no precedent. In any case, say the architects, "the formal statement of such a building provides a dramatic and welcome contrast to the rugged landscape".

LONDON architects Donovan Langley could be designing up to £15 million worth of indoor cricket centres under a massive expansion plan aimed at promoting the sport.

Developer Indoor Cricket Stadiums (ICS) is opening its first London stadium in the top floor of a converted cinema in Tottenham next month.

And it has revised plans to follow this with up to 150 conversions of redundant cinemas and empty warehouses into stadiums for the sport which they claim is set to sweep the country.

The conversions are cheap at a maximum of £100,000 each

vacant buildings put to good use. He anticipated no planning difficulties in the flood of applications ICS were gearing up to deliver.

The conversions have an added bonus of being easily adaptable to other uses should the ICS indoor cricket scheme fail.

But the success of the game in Australia, where according to ICS it is the most popular all-

## News

## Firm could be on a winning partnership with indoor cricket

year round indoor sport, bodes well for the project.

Two teams of eight players use conventional equipment and a 70g soft ball on a pitch smaller than an outdoor one and covered in a low-pile hard wearing carpet.

Cinema enthusiasts should be pleased to see old buildings being put to new uses. The Tottenham cinema, which was briefly the Stardust Bingo Hall before becoming a snooker hall and now a cricket stadium, is the fourth in the ICS plan.

"It is morally indefensible to allow land to lie vacant when it could be used for industrial development and for houses."

He praised "the triumphant success of the greatest reclamation of any inner city area in the world — London Docklands".

## Baker takes parting shot at councils

DEPARTING environment secretary Kenneth Baker told Parliament he is not satisfied with the rate of disposal of vacant land in the inner cities.

But he claimed things had improved since vacant land registers were set up. "Quite a lot of this derelict land is owned by local authorities, and nearly all of it is owned by statutory authorities," he said.

Baker said £90m in derelict land grant and £25m in urban development grant was available every year to assist local authorities.

Cinema enthusiasts should be pleased to see old buildings being put to new uses. The Tottenham cinema, which was briefly the Stardust Bingo Hall before becoming a snooker hall and now a cricket stadium, is the fourth in the ICS plan.

It joins the ICS luxury headquarters stadium in Peterborough as well as two other conversions in Ipswich and Wellingborough.

## Patten considers DIY option for tenants

DO-it-yourself enthusiasts on council waiting lists could be given empty homes to renovate in return for a rent-free period.

Housing minister John Patten told Tory MP John Heddle during a discussion on homelessness that his suggestion was "a possibility".

Hesaid the Labour Party had put forward a similar idea during the passage of the Housing & Planning Bill and that it was "clearly something to consider".

He agreed with another Tory that Left-wing authorities which refused to enter partnerships with private developers were denying their citizens the right to decent housing:

"I think that the tenants will,

## Time limit for action

LOCAL authorities will be given nine months from their initial inspection of conditions in houses in multiple occupancy to prepare a strategy for dealing with them.

Previously the Government's Housing (Multiple Occupancy) Bill, now going through Parliament, included no time limit. An amendment by Lord Kilbracken to that effect has now been accepted.

## More shopping centres planned for North-east

SHOPPING centre fever has hit the North-east following the successful opening of developer John Hall's Metrocentre in Newcastle.

Three new planning applications for similar developments have been made to North Tyneside Council.

But local councils have objected to some of the plans and two schemes for sites at Seaton Burn already seem to be in doubt.

Newcastle-based architects Stewart & Southern have come up with a £24 million shopping park for a 16ha site for developer New England Properties, and Leeds architects William Gower & Partners have

**WHAT ARE THE MERITS OF ANODISING AND POWDER COATING?**

Ask the  
Architectural Advisory Service Centre  
57-81 Gors Road, Park Royal, London NW10 6LS  
Telephone: 01-985 0833

The authoritative source for information on aluminium and steel finishes.

## Conference looks at 'percentage for art'

THE workings of the "percentage for art" system form the basis for a conference at the RIBA in Portland Place today and tomorrow.

The conference will detail how 1 per cent of the £200m cost of the Nederlandse Middenstandsbank building in Amsterdam has been devoted to commissioning works of art.

Today's session deals with

### Birmingham in cash plea

BIRMINGHAM has asked the Government for an extra £5 million to repair more than 3,000 system-built houses.

Three types need the aid. There are 1,070 Boot houses, 1,500 Smith SJ Building houses and 470 Parkinsons.

All three are eligible for aid under the Housing Defects Act, but the estimated £20 million needed is greater than exceeds the maximum allowed.

### Yet another major plan for London City offices

ANOTHER huge office development in the City of London is planned at the Beaufort House site in Aldgate.

Beaufort House Developers and architects Renton Howard Wood Levin Partnership have applied for outline planning permission for a 12-storey building including 40,000sq m of office space.

The proposal also comprises 1,450sq m of retail space and the erection of a landscaped piazza on a 24m span of decking covering a cutting leading to

### Steel frame passes test

BRITISH Iron & Steel Federation houses, the most common of their type, have been given an almost clean bill of health by the Building Research Establishment.

A report published this week says most of the houses, which are between 30 and 40 years old, are structurally sound and that where corrosion has occurred it would be relatively easy to repair.

If you're planning to put a combination boiler into a home you'll find there's nothing more accommodating than the Combi RSF from Vaillant.

Thanks to its 360° fully rotating flue there are even more places where you can put it.

Because with its room-sealed, fan-assisted operation, you can just about put the Combi RSF anywhere you like.

output not only improve performance but reduce costs for the user too.

The Vaillant Combi RSF will bring the greatest degree of flexibility to your plans.

So if you're about to specify a combination boiler, choose the one that saves you having to design around it. The Combi RSF from Vaillant.

# Designed for you, so you don't have to design for it.

It takes full advantage of advanced flueing techniques.

And you'll certainly be impressed with the engineering.

Features include electronic ignition that dispenses with the traditional pilot light.

Increased flow rate of domestic hot water, greater modulating range of burner, and a higher

Vaillant Ltd., Vaillant Building, Heston Industrial Estate, Aerodrome Way, Hounslow, Middlesex TW5 9OH.  
Telephone: 01-897 6037/8/9.

Northern Region: Vaillant Ltd., Vaillant Building, Euroway Estate, Bradford, West Yorkshire BD4 6SR.  
Telephone: (0274) 688322.

 Vaillant  
Your partner in heating, controls and hot water.

**CLIPFIX 750**  
SECRET FIX ROOFING  
European Profiles Limited  
BRITISH CLADDING AT ITS BEST  
Llandaff, Ammanford, Dyfed SA18 3JG. Telephone: 0289 850691.  
Kings House, King Street, Bedworth, Warwickshire CV12 8LL. Telephone: 0203 219721.

Enter 4 ON EXPRESS ENQUIRY CARD

The Veillant Combi RSF. The anywhere combination boiler.

Enter 5 ON EXPRESS ENQUIRY CARD

Enter 6 ON EXPRESS ENQUIRY CARD

## News

**Grant limit on prefabs to be raised**

THE Government plans to accept higher limits on grants for the refurbishment of prefabricated reinforced concrete homes.

Each pre-house can cost £20,000 to repair, but the grant limit under the Housing Defects Act is £14,000.

The secretary of state has indicated he is willing to approve higher applications by district councils for pre-work.

The DoE is also planning to extend the Act to cover other types of homes.

## Brunel plan on tracks

PLANS for an £18 million shopping centre in Merthyr Tydfil have been announced by Brecon Industrial Development and the Heron Property Corporation.

The new Brunel Centre, designed by Peter Hing & Jones of Birmingham, will be on the British Rail station site in the centre of the town.

## Leading lights to tell all

LEADING designers and pundits are to speak at a conference on retail design which will be one of the first conferences staged at the new Queen Elizabeth II conference centre.

Design A Shop on June 25 features Eva Jiricna, David Chipperfield, David Davies, Stephen Bayley, David Stewart of Conran Design Group and Bill Webb of Fitch & Co. Details: 01-267 7567.

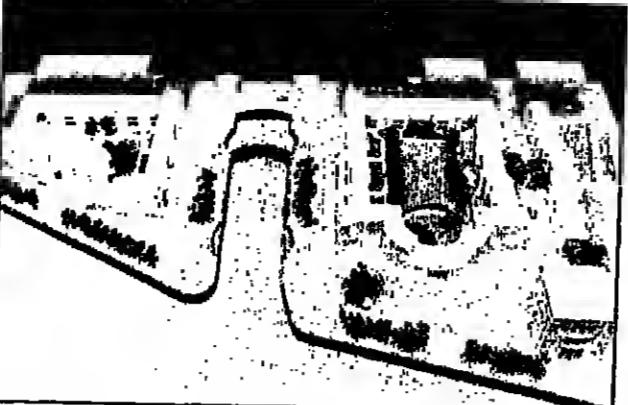
## New hall at Wembley

MICHAEL Squires Associates have begun detailed drawings for a £5 million exhibition hall next to the Wembley Conference Centre.

The total area will be 7,600sq m, including bars and restaurants to service the 5,000sq m hall.

The hall is a design and build contract with McGloughlin Harvey.

# Westminster victorious in round one of listing case



## A taste of Greenland in Surrey Docks proposals

Dramatic designs combining "the best of English building traditions with Danish architects and building technology" in a £21 million housing project for Surrey Docks have just been revealed.

The White House at Gilwell Park, Essex, has been neglected by the owner, the Scout Association, which has now asked the council for permission to have it demolished.

Save is urging Epping Forest council to refuse consent and take a positive line in re-arranging its repair and re-use.

But the magistrate dismissed the case, saying that there was no evidence that Martin knew the buildings were listed.

Then the High Court ruled that the magistrate was wrong in law and ordered him to continue hearing the case.

The council says there has been an increasing number of thefts of architectural items from listed buildings, particularly fireplaces, stair balustrades, stained glass and external and internal ironmongery.

Westminster's victory comes only a week after Camden council's decision to prosecute the Honourable Society of Gray's Inn for allowing two listed buildings, used as lawyers' chambers, to be gutted.

It is believed that Lord Justice Glidewell, Master of Estates, will be defending the Inn's decision to gut the buildings on a point of law.

Save Britain's Heritage welcomed the High Court ruling: "The innocence argument will no longer hold," said a spokesman. "Magistrates will no longer be able to ignore cases of this kind."

● An unusual Grade II-listed building is in danger of being

## Disneyland scheme well under way

PLANS to build European Disneyland, just 16 miles from Paris at Marne-la-Vallée, are underway and a formal agreement to build should be signed by the government "soon" in June". The £650 million theme park will create 6,000 construction jobs and provide employment for 25,000 when it opens in 1991.

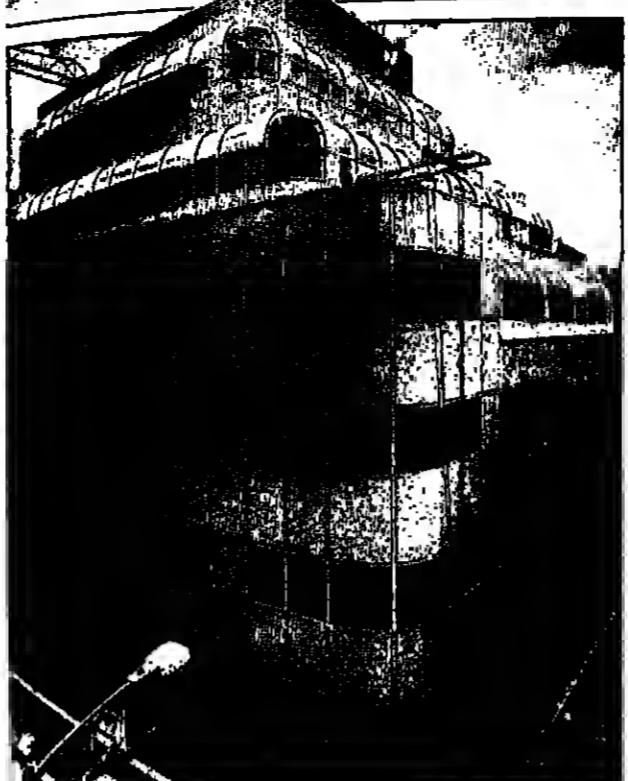
## Designers' Saturday

THE next Designers' Saturday will be held on October 11 at Appleton, managing director Scott Howard, has been elected as the new chairman.

A new award sponsored

by the Society of Industrial Art & Designers will be presented for the best commercial scheme given the greenlight. The first homes could be ready for occupation next spring, with the entire project completed by mid-summer 1988.

Stylish and sleek, this office development for Fitch is now approaching completion in London's Soho. Project architect is Terry Goodber of Peter Miskin & Associates, the practice responsible for the spectacular laser linked light display along Regent Street last Christmas. (Photo: Geoff Beeckman.)



## Sleek style in Soho

Stylish and sleek, this office development for Fitch is now approaching completion in London's Soho. Project architect is Terry Goodber of Peter Miskin & Associates, the practice responsible for the spectacular laser linked light display along Regent Street last Christmas. (Photo: Geoff Beeckman.)

## News

# New councillors jump at opportunity but losers stunned

TWO new members of the RIBA Council are relishing the opportunity to "muck in" and tackle the Institute's problems, but the members they replaced are clearly stunned by the election result.

David Rock, the runaway winner of the election (BD last week) is not a newcomer to the council, having been elected three times between 1970-76 and served on several committees.

He feels there is a basic flaw in the present RIBA structure, with too much work being done by a few council members, and no one taking long-term responsibility for policy.

By John Wood

shot at all over the place, but Peter Gibbs-Kennett (RIBA director of the education department) is hardly ever heard of.

A member of the visiting boards, CNAAs and an external examiner, he is strongly opposed to the council's present

policy on education.

Overall he wants to give the institute a higher public profile, and hopes the president will look on him as a "flying squad" to sort out particular problems.

"For instance, Peter Melvin's

## Trust's win brings new campaign

AFTER winning a four-year planning fight against Liverpool council, a housing cooperative has returned to the campaign trail to attract support for a much larger redevelopment of its community.

The Eldonian Community Association, which has a scheme for 145 houses on the old Tate & Lyle factory site in the city, proposes to set up a Neighbourhood Development Trust on the lines of those at Stockbridge or Thamesmead.

Public and private sector funding would be sought to redevelop an area stretching from the Vauxhall Road to the River Mersey.

A report has been drawn up with the help of Wilkinson Hindle, architects for the Tate & Lyle site, and Community Projects.

## Nuclear 'apathy'

DESPITE the nuclear accident at Chernobyl, the British public has displayed overwhelming apathy towards nuclear shelters, according to Colin Croft, chairman of the Federation of Nuclear Shelter Consultants & Contractors.

He said this week that only around 500 private shelters have been built in Britain.

And James Crabtree, the only architect member of the federation, said interest since Chernobyl had come mainly from the media.

Crabtree has designed a system of shelters made out of helically wound steel ranging in size from 2m x 2m to 6m x 2.6m and costing from £3,000 to £10,000 before fitting out.

He said there had been interest from civil engineering firms and foreign buyers, but less than 10 had been sold to civilians in the UK.

## Clerks' probe

THE Institute of Clerks of Works is inviting submissions for its investigations into the role of the clerk of works.

Written comments from interested bodies are invited by the Scottish Office by July 4. A final version of the guide is expected later this year.

1961-1986

## At the Top ANGLIA LEAD ROOFING

This year Anglia Lead Roofing completes 25 years of working at the top with the skills that only true craftsmen can offer. Chosen by leading architects and builders for our unique experience in casting and laying lead on both historic and modern buildings, we have undertaken projects large and small in many parts of the British Isles.

Lead, with its long life of up to 150 years, as well as its low maintenance and proofing qualities, gives a unique finish to any building. And we also produce other lead products including downspouts, gargoyle and decorative panels, together with the supply of cast lead sheet. Illustrated brochure on request.

### ANGLIA LEAD

49 BARKER STREET, NORWICH, NORFOLK NR2 1JT  
TELEPHONE NORWICH (0603) 619663/619670

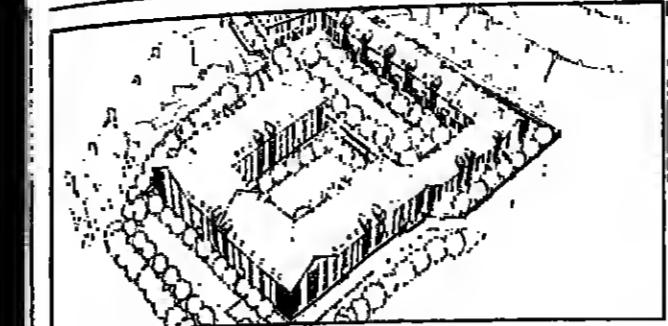


KONE  
PIONEERS IN LIFT TECHNOLOGY  
Kone Maruya Scott Limited, 108-170 Wellington Road South, Hounslow, Middlesex TW4 5JN  
Telephone: 01-570 7799 Telex: 249662

Enter 7 ON EXPRESS

Enter 8 ON EXPRESS

## News in pictures



### Looking back to the traditional ways

**Shepherd Construction** has won the contract to build the first multi-million pound, non-grant-aided urban housing scheme to be developed in Newcastle upon Tyne for more than 30 years.

The £16 million development of 110 apartments and five town houses, set around landscaped courts, has been designed by the Alan J Smith Partnership for the Abbey Housing Association.

Traditional materials have been specified, including facing brickwork and pitched grey tile roofs over timber rafters.

Lawson Court is scheduled for completion in September 1987 with the first homes being ready for occupation in December 1986.



### Curing a blight

This £16 million shopping arcade in Northampton was recently granted final approval by the city planners.

Designed by Nottingham-based Gordon Denoy & Partners, the two-storey development, Peacock Way, will replace a 1960s precinct described by planning committee chairman Stan James as a blight on the market square.

Work is scheduled to start on the project in June 1986 with completion due in August 1987.



### HQ for giant union

Work has started on a £5.5 million headquarters for the UK's largest civil service union, the Civil & Public Services Association.

Designed by Holden & Mathies Partnership, the building will provide 5,675 sq m of office space and is part of the £25 million Clapham Junction redevelopment project.



### Thornbury civic offices

Bristol-based Hubbard Ford Partnership have designed £2.4 million civic offices for Northavon District Council at Thornbury in Avon.

The 5,400sq m, three-storey building will provide office space for 250 council staff and is due for completion early next year.



### Livery Hall on course

The Lord Mayor of London, Sir Allan Davis, helped to lay the foundation stone of the Farmers & Fletchers Livery Hall last week.

The £1.7 million development (centre of the picture) was designed by Michael Tregg Brown & Partners with Walter Lawrence Project Management acting as developer and main contractor.

The hall, which has 1,100sq m of offices above it, is scheduled for completion in December.

**Editor Paul Finch**  
Deputy editor of features, Martin Ian Lafford  
Art director, Fiona German  
News editor, Lewis Blackwell  
Reporters, Alan Thompson  
John Ward, Anna Hartley  
John Gillard, Chris Bell  
Editorial secretary, Anna Bell  
Editorial assistant, Angela Williamson  
Production assistant, Gillian Hall  
Products consultant, Paul March

**Publisher Stan Arnold**  
Advertisement manager, Helen Jackson  
Classified advertisement manager, Paul Nuttall  
Production manager, Angela Williamson  
Production assistant, Gillian Hall

**BUILDING DESIGN** is published monthly by Morgan-Grampian House, Croydon CR9 1EW, London. ISSN 0957-5423

## Between two stools

FRESH from Amerlen comes a new typographical symbol which is now being incorporated into at least some word processors/personal computers (I almost said typewriters). It is a cross between an exclamation mark and a question mark, and goes by the name of "interrahang" — an unpleasant word to describe a potentially useful symbol. We get the occasional correspondent who writes to us (usually in green ink) who incorporates large numbers of exclamation and question marks, one after the other. What could be more useful than a symbol which gives all that effort, though the quest for succulence is not the main thing which springs to mind in thinking about the end product of today's new technology. It is so much easier to produce 2,000 words than 1,000.

The question of whether something is a question or an exclamation is of wider interest, and surely applies to much of the architecture we see around us. Each form has its virtues; after all the exclamation, even if it represents a statement full of

error, may be considerably more interesting than the statement which deserves no exclamation mark — better the fruitful error than the sterile accuracy. And the building which poses a question is equally valuable — even if that question is something like "Do we really want our cities to include buildings which look like this?" And of course it is the architecture that asks questions, or provokes them, which is most likely to stimulate others to provide fruitful answers. Another category of "question architecture" is less interesting of course — the question being "why did they bother to build it?" One might take the latter sort of question, plus the exclamation, and describe two sorts of architecture in rather the same way that one can describe news stories. They come in two varieties: *gee whiz* and *no what?*

Happily there is plenty of good architecture, as there are good stories; which do not fall neatly into either of these crude types, which meet a brief rather than ask a question or make a

statement. Indeed, in the week that sees the opening for work of the new Lloyd's building, there are some who say architects should meet their brief in a modest fashion, keeping messages, à la Alfred Hitchcock, for Western Union. Lloyd's would be, of course, an exclamation mark in my book, though building economists might regard it as a suitable case for an interrahang. The talented, deft categorisation, however, the difference between Rogers and lesser talents is comparable to Olivier in his heyday and Tyrone Guthrie. One was o tour de force; the other was forced to tour.

17. **Design Liability in the Construction Industry** (Second edition) by D. L. Cornes. Includes extensive new material on the law of professional negligence including the latest cases after *Pirelli*. Price £19.00.

18. **All Hellman Breaks Loose**. Humorous book which contains over 150 of famous cartoons. Louis Hellman's most popular cartoons. Price £5.50.

19. **JCT Intermediate Form of Contract**: an architect's guide. By David Chappell and Vincent Powell-Smith. Practical advice for its architect, particularly in simple letters, flowcharts and tables. Studies the roles of each party involved and covers important topics such as claims and payment in depth. Price £19.80.

20. **Construction Law Reports**. A new series reporting decisions of the Official Referees' Court which are binding on the whole industry. All members of the construction team must keep up to date with these decisions. Available as a subscription: 3 volumes a year £45.00.

21. **Architects' Postcards** 2 sets of 8 colour cartoons by Louis Hellman. Set 1: Wright, Le Corbusier (twice), Foster, Graves, Mies van der Rohe, Set 2: Gaudi, Mackintosh, Ralph Erskine, Bruce Goff, Charles Moore, Leon Krier, Terry Farrell and Philip Johnson. Price: Set 1: £2.50; Set 2: £2.50.

### BOOK OF THE MONTH

**Space on Earth—Architecture, People and Buildings** by Charles Knevitt. The heavily illustrated book from Channel 4 features a fresh look at some key issues of architecture and planning over the last 100 years: cities; skyscrapers; mass housing; conservation; and future trends, including community architecture. Price £9.85 (paperback) £16.95 (hardback). Iss. PFT.

22. **Architects' Data** by Ernst Neufert. Available for the first time in paperback, this well-known design guide offers over 400 pages of building types. Price £16.95.

23. **Professional Liability** by Ray Cecil. Written to advise, guide and horrify young architects of the alarming growth in claims arising from professional negligence. Well researched and highly readable. Price £17.50.

24. **Handbook for Clerk of Works** (Third Edition) by GLC Department of Architecture and Civic Design. This third edition provides step-by-step guidance on the carrying out of all the duties of the Clerk of Works. Price £12.00.

25. **Architectural & Construction Bookshop**, MORGAN-GRAMPION (CONSTRUCTION PRESS) LTD.

NAME \_\_\_\_\_

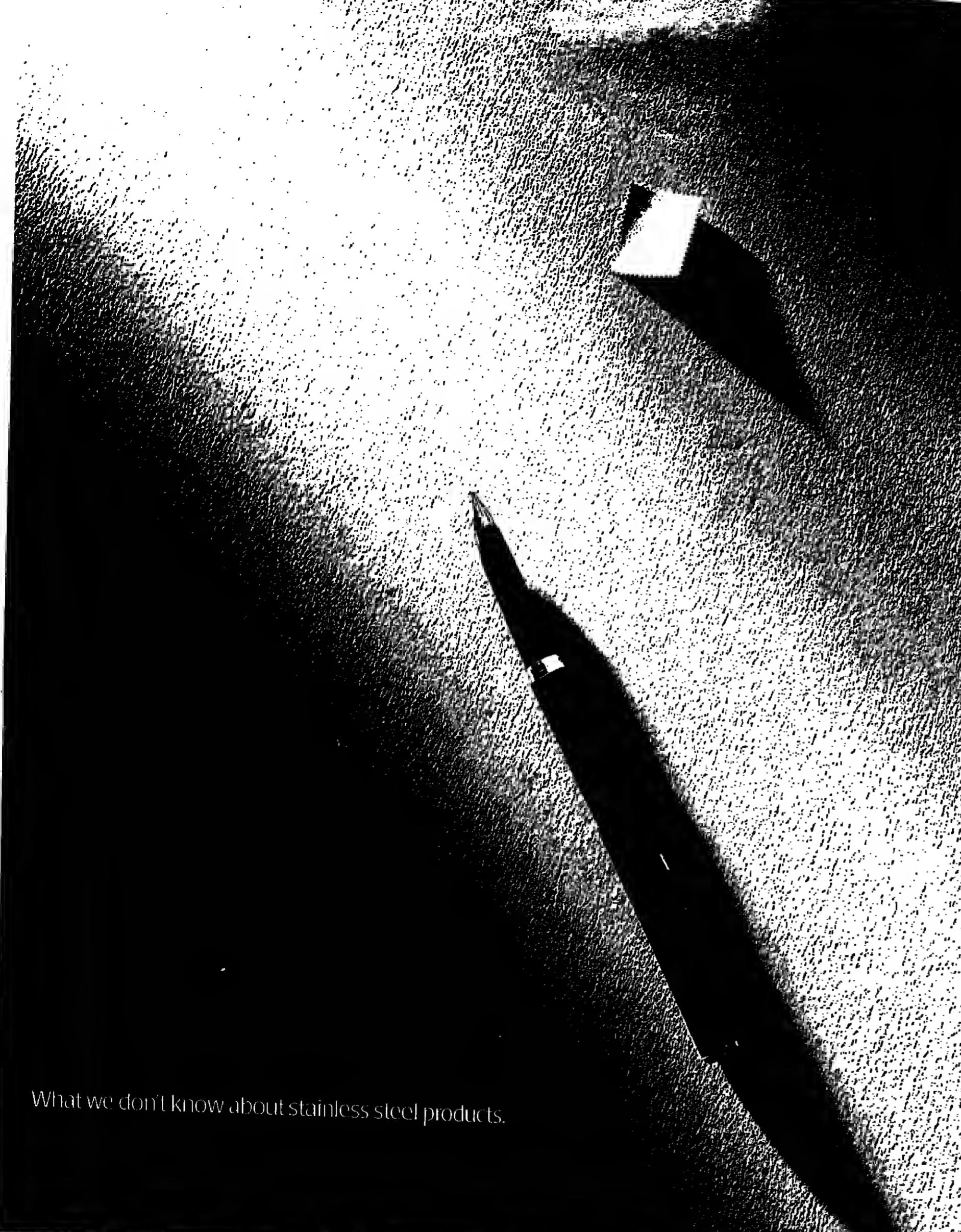
COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

I enclose cheque/P.O. payable to Architectural & Construction Bookshop to the value of \_\_\_\_\_

DD 30/5/86

All prices include the postage and packing. Please allow minimum 28 days for delivery



What we don't know about stainless steel products.

BALUSTRADES AND RAILINGS · SWIMMING POOL EQUIPMENT · SANITARY WARE · CUSTOMER GUIDANCE SYSTEMS · DOMESTIC SINKS · HOSPITAL SANITARY WARE · CATERING SINKS AND TABLES

On all aspects of stainless steel, Sissons have got the competition licked.

We have a wider range of architectural products than any other manufacturer, for almost any application you can name.

That means everything from sanitary ware to swimming pool equipment (including the kitchen sink).

And, because our technical back-up and specialist design facilities are so advanced, we can even produce equipment to individual specifications.

From tubular or sheet stainless steel.

**SISSENS**  
MAKING THE MOST OF STAINLESS STEEL.  
Send to: W & G Sissons Ltd., Calver Mill, Calver,  
Sheffield S30 1XA. Tel: (0433) 30791. Telex: 54746S.

ON EXPRESS  
ENQUIRY CARD

Please send me your new 1986 Product Information Guide:

NAME \_\_\_\_\_

POSITION \_\_\_\_\_

COMPANY \_\_\_\_\_

ADDRESS \_\_\_\_\_

TELEPHONE \_\_\_\_\_

BD 30/5/86

## The Editor's Comment



statement. Indeed, in the week that sees the opening for work of the new Lloyd's building, there are some who say architects should meet their brief in a modest fashion, keeping messages, à la Alfred Hitchcock, for Western Union. Lloyd's would be, of course, an exclamation mark in my book, though building economists might regard it as a suitable case for an interrahang. The talented, deft categorisation, however,

the difference between Rogers and lesser talents is comparable to Olivier in his heyday and Tyrone Guthrie. One was o tour de force; the other was forced to tour.

TO: ARCHITECTURAL & CONSTRUCTION BOOKSHOP, MORGAN-GRAMPION (CONSTRUCTION PRESS) LTD.

30 CALDWELLWOOD STREET, LONDON SE18 8QH

Please send me the following books (print the full title)

Full Title \_\_\_\_\_

Quantity \_\_\_\_\_

<

## Perspective

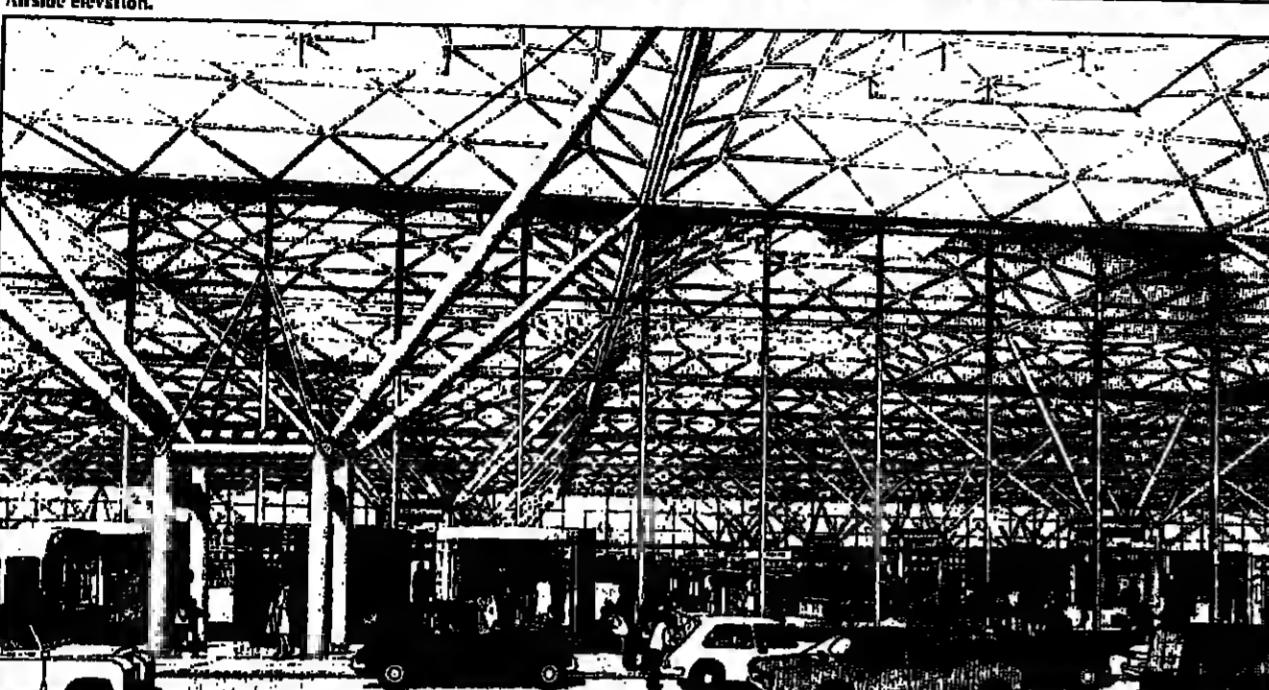
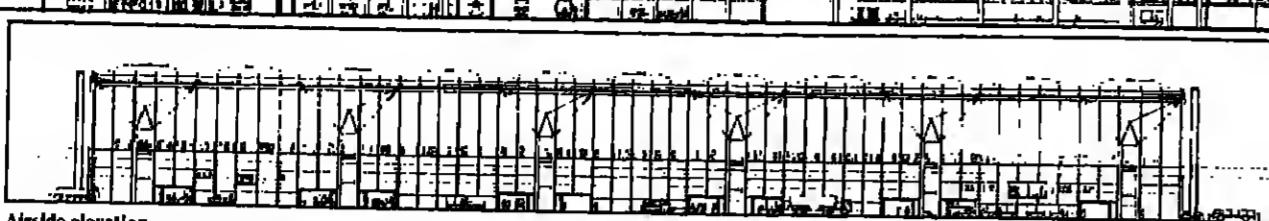


### Stansted standards

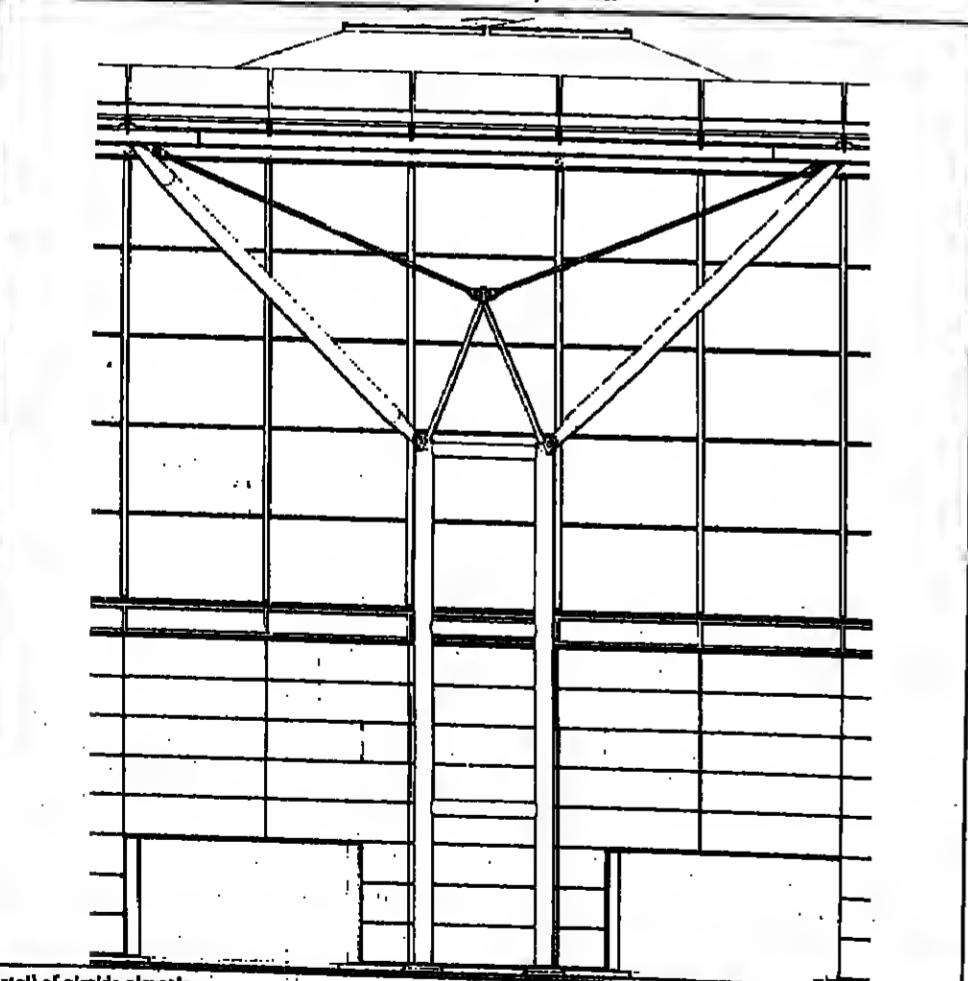
IN 1981 Foster Associates were commissioned by the British Airports Authority to carry out architectural and planning feasibility studies for the development of increased passenger facilities at Stansted Airport. The practice was subsequently appointed to develop detailed designs for a new terminal building. Here they describe their approach:

"The brief for the new terminal building called for a design which would be economical, provide optimum passenger comfort and convenience, and allow internal flexibility for future modifications with the minimum of disruption. It was also considered important that the building should not appear intrusive in the generally rural landscape of the locality.

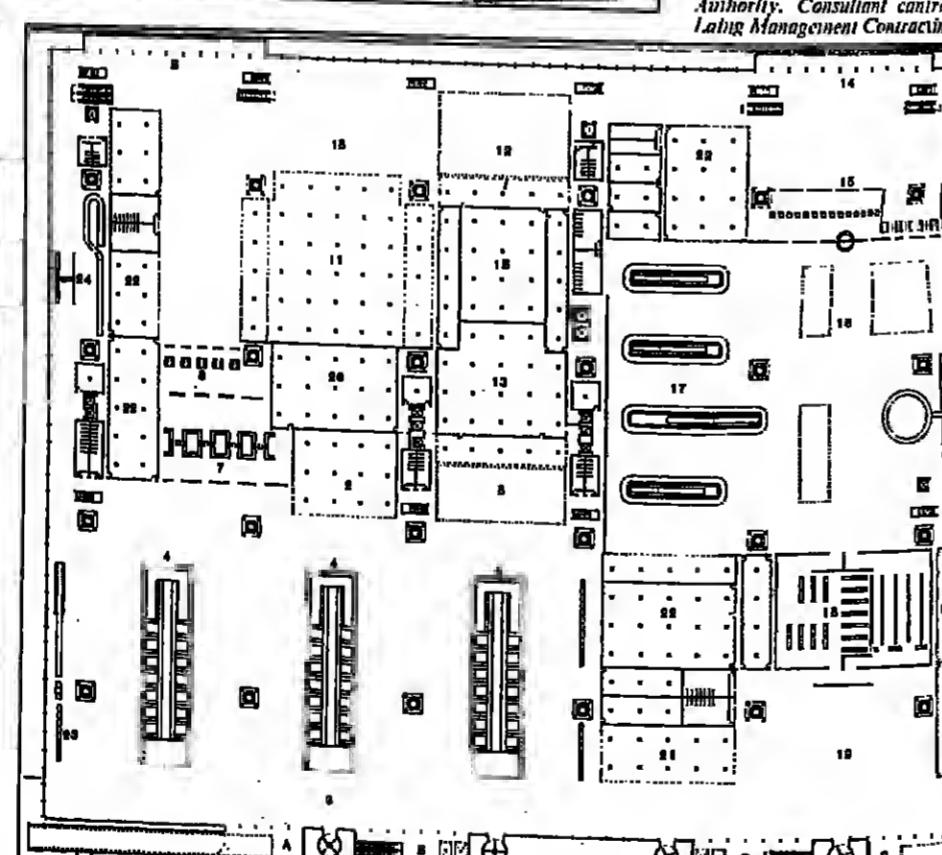
The structural columns at concourse level are set on a 36 metres square grid, generated by the functional requirements of the terminal and the need to provide maximum layout flexibility on its passenger floor levels. The supports for the roof form tree-like structures comprising clusters of four interconnected tubular steel columns. These are jacked at 4 metres above concourse level, to reduce the structural spacing at roof level to an 18 metres square grid. The roof is made up of intice shell domes which obviate the need for dominant roof trusses or beams. Each dome rises to a height of 3 metres above eaves giving an overall maximum external height above concourse



View of terminal from apron level.



Detail of airside elevation.



Concourse floor plan. Key: 1 Forcourt Access Road, 2 Drop-off, 3 Departure Hall, 4 Check-In/land, 5 Concessions, 6 Landside Catering, 7 Security Control, 8 Immigration Control, 9 RTB Departures, 10 Departure Lounge, 11 Duty Free, 12 Alkaline Catering, 13 Kitchen, 14 RTB Arrivals, 15 Immigration, 16 Buffer Zone, 17 Baggage Reclaim, 18 Customs, 19 Arrivals Hall, 20 Pick-up, 21 Concessions/Catering, 22 Offices, 23 High Level Areas, 24 Domestic Route Movement Area, 25 Service, 26 Bus station, 27 Up ramp, 28 Up escalators and lifts, 29 Down escalators and lifts, 30 Down ramp.

Concourse floor plan.



East/west section.

## Statistics

### Scorpio



### A mystery in the corridors of power

OBSERVERS of the warring between the Community Architecture Group and the RIBA continue to be intrigued by the way in which a small faction has managed to wield such influence without the benefit of the most basic organisation.

For example, how does one actually join the Community Architecture Group? Do you post and get your name on the list? And how does one get elected to the commanding heights of the CAG? This is rather difficult today, since there is no written constitution for the organisation.

And what about non-members? Some suggest that Andrew Derbyshire, "the best president the institute never had", is the favoured choice of some influential figures.

This is one of the reasons for the lack of influence inside the RIBA administration that is (not) wielded by community architects. The absence of a distinct constituency is always hard when dealing with professional institutions. Yet there already a multitude of you out there walling for the call, in much the same way that solar-architects were in the early 1970s. Come on CAG! Get organised! Start recruiting!

Meanwhile, Portland Place's difficulties in tackling grass roots inner city problems lingers again. In Hull, which is to be the subject of a "Cutout" operation. Because of squabbling over terms of reference, the site to be the subject of investigation has been shifted from a really rough area to somewhere more salubrious — defeating, at least in part, the object of the exercise.

*Client: British Airports Authority. Architects: Foster Associates. Structural engineers: Ove Arup & Partners. Quantity surveyors, mechanical and electrical engineers: British Airport Authority. Consultant contractor: Ledingham Contracting.*

My picture shows RIBA president Larry Rolland and unofficial UIA presidential nominee Ron Buckley, enjoying themselves at a recent party. Scorpio readers are invited to send a suitable caption, possibly on the lines of "What we have in common". Entries, on a postcard only please, to me by June 4.

PS. Suggestion that the picture shows the president holding two glasses will be instantly disqualified.

**Witch-hunts start here**

"FIND the guilty man" was the order which went out following the lead story two weeks ago, naming Owen Lader as RIBA's choice for UIA president, which will be decided in Dublin in July. Members of the policy committee were interrogated to try to discover the source of our lead, but to no avail.

In a bid to stop the "flow of revelation", Institute committees of all sorts are becoming smaller and more secretive. Staff are staying on fellow staff in a desperate attempt to prove their loyalty — and settle old scores.

Amusing talk of impeachment is in the air following the UIA's handling of the RIBA business. It would not surprise opponents of official policy if like-minded clubs together to stage a sit-in abroad, enjoying the hospitality of the UIA convention.

### Presidential stakes: latest

WITH RIBA presidential hopefuls Douglas Stephen and Fred Reche knocked out of the race by their defeat at the polls for council, the way seems clear for Peter Jones, former GLC director of architecture and civic design, to make an orderly succession in 1987.

The report, which analyses ways of promoting a "national design service", suggests that the best way of achieving this would be through local authorities, where pressure groups could have most effect.

*Building Design, May 28, 1986.*



## Rapid Floor & Roof Laying!

**NOW** Composite System Combines formwork and reinforcement with longer spans and integral service hangers.

PMF composite profiles combine:

- Formwork strength for even longer spans
- Chevron embossing provides the composite action to eliminate most structural reinforcement
- Now two profiles to ensure that you can design for maximum economies
- Major savings in concrete
- Integral hanger system that does not require special fixing places
- Use the tested and proven modern profiles for real economy in steel and reinforced concrete.

**CF60** — now 3.6m spans! CF60 gives PMF economy with unpropped spans of 3.6m!

Send for leaflet

**Precision Metal Forming Limited**  
Swindon Road, Cheltenham,  
Gloucestershire GL5 9LS  
Tel: 0242 527511. Telex: 43357

### PMF Profiles for Concrete

### BRITISH AT ITS BEST

Lifting platforms solve a wide variety of problems which require a level surface to raise and lower goods. This can be from ground up to loading bays or vehicles. Packing operations with progressive lifting or lowering. Goods lifts between floors, especially when headroom is limited. Mobile lifts for moving or lifting.

#### Cargolifts

New low closed height (110mm) scissor lift for heavy loading and unloading.

#### Heavy Duty Lifts

Used in loading bays or split-level applications inside or outside.

#### Goods Lifts

Economical space saving design with range of capacities and heights to fit.

Twenty two years reliable products

Fifteen years manufactured

Proven designs

Engineered to last

Leading British Manufacturer

**TIREPE LTD.**



Enter 12 ON EXPRESS ENQUIRY CARD

ON EXPRESS ENQUIRY CARD  
Enter 11 ON EXPRESS ENQUIRY CARD

re  
1  
1  
e  
y

igs and  
of fact,  
natives  
tration  
er pro-  
s inter-  
gh this  
versal  
ect is to  
with a  
in lems  
ment of  
year to  
rations  
s.  
th Neil  
gham,  
h law.

## Letters

# Educating to suit practice

From Jacob Blocker, London region education group

At a recent meeting of the RIBA London region education group, we were given an explanatory talk by Peter Melvin about his extensive visits to many schools in the country and consultations with heads of schools. After his talk he asked some of the heads of schools present the following question: "As a result of recent Government requirements to cut numbers and finance to architectural schools, have you, the heads of London schools, made any creative contribution to the debate?"

The answer was a unanimous "No".

As a result of this answer, coupled with looking at the recent publication of the RIC's glossy new brochure claiming "design" as a surveyorservice, it became clear that the RIBA and practices should enter the debate at a creative level before we lose our initiative and our livelihood.

With this in mind, I put forward the following proposals for discussion and for increased education expenditure:

1. Architectural studies based on the current curriculum for the first three years.

2. Staff assess the special bias of each student based on performance.

3. Fourth-year out to be placed in an office according to individual student bias.

4. Fifth year and sixth year—the students to be streamed for some of the subjects. Stream No 1—Design, planning and apprenticeship; No 2—Project management and building finance; No 3—Technical developments and building construction; No 4—Computer studies and community enabling.

Each of these graduates should be assured of a proper career structure; the technical student will become a super technician and be given equal status, pay and partnership to the designer architect and a similar commitment to other streams. Practices both in public and private offices will benefit by having graduates and partners of specialisation and allow

the beginner architects to concentrate on solving the planning and strategy problems.

I am not suggesting these subjects as a finite list or even that they are grouped as shown, but one thing is quite clear, architects are used as technicians, project managers: computer boffins and their training in these subjects leaves them ill-equipped to do the job.

If we do not act quickly, the RICS will take most of the rehab and conservation work away from us and the expanding designer offices will be employing all the architectural graduates.

The RIBA must act quickly to protect the practices and must approach Government for an increase in expenditure to cover these much needed and increased skills. New departments should be set up to meet these needs. This could be a unique opportunity for change. The RIBA should concentrate a

large proportion of its funding to the promotion of the profession, even if this means cutting other services such as practice advice. The public and government must be shown that we are willing to give good value for money and that we are willing to restore with imagination to a changing world.

Jacob Blocker  
London NW1

## The politics of Divis

From staff of the Town & Country Planning Association

AS members of staff at the TCPA, we were incensed by Alex McGregor's letter (May 16) in which he sought to make cheap political capital out of a very serious housing situation, that is, Divis.

It is to the TCPA's great credit that it has stuck firmly to its long-held principles of supporting the right of communities to control their own environment, especially one as brutal and oppressive as Divis, and not allowed itself to be swayed by the knee-jerk reactions of people who have a vested interest in maintaining the status quo.

That Divis is an intolerable environment is there for all to see. One has only to meet the Divis residents, as we did, to observe the debilitating effects of the asbestos-ridden, damp-ridden, cockroach-ridden, stress-ridden, horrific conditions which represent normal daily life for these people.

In spite of this, the Divis residents have maintained themselves with extraordinary dignity, so much so that they are now working towards a plan of their own for the demolition and rebuilding of the estate. This is a creative, positive development, and one which we, Brian Anson, and the TCPA are proud to be able to assist.

In short, McGregor should put up or shut up. If he is seriously interested in the politics of this particular housing crisis he should address himself to the restrictions on civil liberties which the Divis Residents Association experiences daily and which few, if any, residents associations in England, Scotland and Wales have ever remote encountered.

Yvonne John, Philip Easton, Jane Penwick, David Boyle, Christina Legeron, Andrea Johnson, Abi Sofolarin, John Johnson, Andy Riscoe, Patricia Meeham  
London SW1

**D**O YOU WANT A BRICK THAT CAN TURN CORNERS? NO SWEAT. A BRICK THAT'LL GO ROUND IN CIRCLES? SAY NO MORE. BRICKS THAT HANG UPSIDE DOWN? LEAN BACKWARDS, FORWARDS OR SIDEWAYS? EVEN STICK OUT AT ANGLES? THERE'S NO LIMIT TO THE CLEVER TRICKS STEETLEY SPECIAL BRICKS CAN PERFORM. WE HAVE EVERY RECOGNISED BREED OF BRITISH STANDARD SPECIAL. EACH ONE PAINSTAKINGLY GROOMED TO THE STRICTEST STANDARDS OF STRENGTH AND COLOUR. AND IN THE UNLIKELY EVENT THAT NONE OF THEM CAN DO EXACTLY WHAT YOU ASK, WE'LL MAKE YOU ONE THAT WILL.

BUT THAT'S NOT ALL. WE'VE GOT TO BARK ABOUT. RECENT INVESTMENT IN NEW PLANT (HOUSING SOME OF THE WORLD'S MOST ADVANCED SHUTTLE KILN TECHNOLOGY) MEANS WE'RE A DARN SIGHT MORE FLEXIBLE IN TERMS OF PRODUCTION.

AND TO SAVE YOU GOING WALKIES FOR YOUR ORDER, WE'VE A NATIONWIDE DELIVERY NETWORK THAT'LL OBEY YOUR EVERY COMMAND. (WELL, NEARLY.) WHY NOT GIVE US A CALL ON THE DOG AND BONE AND WE'LL WHISTLE A COPY OF OUR NEW DESIGN MANUAL OVER TO YOU.



STEETLEY  
BRICK & TILE  
LIMITE

THE CREATIVE FACE OF BUILDING



## Nice little outbreak

From Brian Anson

CONGRATULATIONS Mr McGregor. You must feel very pleased with your achievement. Without passing any comment on the actual subject of my *Design* article (the dreadful environment in which 2,500 men, women and children are forced to exist) you have managed to get so much out of your system (May 16). You're like a father Scargill, Gerry Adams MP, social security scrounger, council house tenants who have the affrontry to fall into debt, the damnable "politicisation" of the SAC seven years ago and, of course, myself. I trust you now feel much better.

May I suggest that the next time you feel undisciplined you have a go at Broadwater Farm, or Brixton or Liverpool 8—and there's plenty of other environmental situations around to justify a nice little outburst of bigotry. What harm can it do?

Brian Anson  
Surbiton  
Surrey

## Drawings conclusion

From John Warren

MARGARET Richardson wrote to you persuasively arguing that the RIBA Drawings Collection should remain where it is in Portman Square, and John Wells-Thorpe has replied convincingly that it should relocate to Portland Place.

I consider that the collection will best be used by architects if it is at Portland Place, but I sympathise with Richardson, who worked in appalling cramped conditions at Portland Place some 20 or more years ago.

The essence must be that the collection does come back to Portland Place if it must be housed at least as well as it is at Portman Square, and the generosity of those who made the move to Portman Square possible must be honoured in spirit in the new circumstances.

John Warren  
Horsham  
West Sussex

## Letters to the editor

Letters should be typed double-spaced on one side of the sheet and sent to: The Editor, *Building Design*, 30 Calderwood Street, London SE18 6QH. We reserve the right to edit or amend correspondence.

The unique advantages of Lytag screeds have long been known to both specifiers and contractors, where the combination of low weight and high strength together with excellent thermal properties have solved many of their every-day problems.

### Floor and Roof Screeds

Lytag screeds are extensively used at depths varying from 40mm to 300mm and over to meet all applications from private housing to office blocks and supermarket floors.

### Refurbishment

When the replacement of old timber floors or screeds are necessary, often the limiting factor can be weight—a problem that is easily solved by a Lytag screed. Additional benefits include excellent thermal insulation and a Class 1 fire resistance aggregate.

A further problem can be restricted or inaccessible sites, again a difficulty made easy, since Lytag screed can be supplied either bulk tipper loads, pressurised tanker, bagged or even ready mixed to suit site requirements.



**Recommended Screed Layers**  
In order to assure that our screeds are laid in accordance with our specifications and high standards of workmanship, Pozzolanic Lytag have a national list of recommended screedars capable of meeting these standards.

**Alternative Toppings for other Applications**  
Where a specifier requires a "Special Topping" to cater for that special purpose e.g. heavy pedestrian use, high early strengths, or to provide an industrial surface finish this can now be provided using the Lytag Composite Screed system.

For full technical information, send for the NEW Lytag Screed Pack.

# Lytag Screed. Supplied in any form, to give you every advantage.

**LYTAG**

Pozzolanic Lytag Limited,  
Cleveland House, Cleveland Road, Hemel Hempstead, Herts. HP2 7EY  
Tel: Hemel Hempstead (STD 0442) 69331 Telex 828663 - POZLYT G

## Legal

### Harsh words for Lambeth

Croudace Ltd v Lambeth Borough Council (Court of Appeal, March 1986)

This case was noted in BD (November 1, 1985) when it came before His Honour Judge John Newey QC, sitting as Official Referee. Some of the points noted in that issue have now been considered by the Court of Appeal.

Briefly, the issues arose out of a loss and expense claim by Croudace. The architect retired and no one was appointed by Lambeth to replace him, so there was no ascertainment carried out of loss and expense. Croudace eventually issued a writ seeking judgment for loss and expense or alternatively damages for breach of contract. Lambeth sought to have the action stayed under Section 4 of

the Arbitration Act 1950, claiming there was a dispute which was covered by the terms of the arbitration clause in the JCT 63 Contract between the parties.

The Official Referee refused the application for a stay. He upheld Croudace's claim that Lambeth was in breach of contract in either failing to appoint a replacement architect or otherwise ensuring that an ascertainment of the loss and expense claim was carried out. The Court of Appeal upheld this finding.

But the Official Referee also held that as the contractual machinery had broken down in connection with the ascertainment of loss and expense, it was open to the courts to carry out the ascertainment. (It should be noted that the breakdown of the contractual machinery is an express exception to the principle in the Crouch case, namely, that only an arbitrator is entitled to open up and review the architect's decisions etc). In the Court of Appeal, it was common ground between the parties that there could be no action before the courts for loss and expense claims simply because of the absence of any architect's

### In the courts by Neil Jones



**Certificate.** In effect, unless and expense claim is a matter for the architect or the arbitrator and not the court.

Even so, the contractor had a claim for damages for breach of contract and this would include

the loss and expense which would otherwise have been ascertained had Lambeth not been in breach of contract. Lambeth sought a stay of the proceedings in relation to the damages claim. The court

accepted that the dispute in relation to this claim was within the arbitration clause. The question was whether the court should exercise the discretion given to it under Section 4 of the Arbitration Act 1950 to refuse a stay of the proceedings so that the damages claim could be considered by the courts rather than an arbitrator.

The court exercised its discretion and refused to grant the stay. One relevant consideration in determining the exercise of the discretion was the conduct of the party seeking the stay. The Court of Appeal said the conduct of Lambeth "merit the strongest condemnation".

The court inferred from this delay and failure that the object of such conduct was to postpone the evict day and accordingly no stay was ordered. Further, the Court of Appeal upheld the order of the Official Referee that there should be an interim payment of £100,000 to Croudace and held that the power of the court to make such an interim order, which power the arbitrator does not have (subject to agreed arbitration rules containing such power), was a further reason which could influence the exercise of the discretion whether to order a stay.

### Surveyors' failure

Peter Torber Martin v Mewell-Ingram (March 1986)

This Scottish appeal concerned the duty of care in negligence owed by a surveyor instructed on behalf of a building society in connection with a proposed mortgage. See *Hawthorn Evans & Sons* [1981].

The Bristol & West Building Society instructed the surveyor to carry out a survey for the purpose of confirming the value of the property as adequate security for a mortgage advance.

To the knowledge of the surveyor, the contents of their report would be communicated to the prospective purchasers. The surveyor initially reported orally to the building society, which then reported orally to the purchasers, following which the valuation which would otherwise have been given had the report properly referred to the defect. The purchasers' claim was upheld.

**Comment.** Even if the exclusion clause had been notified to the purchasers before they had committed themselves to a binding purchase, such a term would have

"Neither the Society nor the Valuer accepts responsibility for the value or condition of the property. Although the Society may draw attention to any defects the Valuer mentions, it must be understood that the property may contain other defects. If the applicant wishes to satisfy himself on these matters, he is advised to obtain an independent report from a qualified surveyor."

This disclaimer was not therefore communicated to the prospective purchasers until after they had committed themselves to a binding transaction. The surveyors failed to notify the building society in their report of sagging in a ceiling. The purchasers therefore had difficulty in reselling, despite remediating the defect. They claimed as damages the difference between the valuations given by the society on the basis of the surveyor's report and the valuation which would otherwise have been given had the report properly referred to the defect. The purchasers' claim was upheld.

**Comment.** Even if the exclusion clause had been notified to the purchasers before they had committed themselves to a binding purchase, such a term would have

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border, *Stevenson v Nationwide Building Society* (1984), an exclusion clause in a building society's offer of advance was upheld as being fair and reasonable under Part 1 of the Act.

had to satisfy the requirements of Part 2 of the Unfair Contract Terms Act 1977. In a somewhat similar case south of the border,

WITH one or two notable exceptions, architects have left suburbia well alone. Traditionally the undisputed preserve of spec builders, these tracts of semi-detached houses have long been the target of ridicule and abuse by "serious" professionals, though their proliferation is a direct reflection of market demand.

And while little thought was ever given to strategic planning, the suburbs have been an extraordinary popular success. Clearly there are significant implications of which a profession, anxious to improve its status, should take careful note.

Architects Sean Madigan and Stephen Donald are among a small number of practices beginning to use their creative talents to develop small sites that are otherwise regarded as liabilities. One such site, in an area of relatively high land values in Golders Green, offered hardly enough space for a single detached house, and one boundary was formed by an embankment for twin trucks of the North London Line.

While it was evidently possible to build on the site, the value of any house would inevitably have to be lowered by a considerable sum — the architects estimated about £50,000 — to account for the "nuisance value". Logically then, it made sense to build the most expensive house the market would stand — in this case, for a selling price of about £320,000 — in order to achieve a reasonable profit level. The fact that the architects were also joint developers of the site added a further dimension to their priorities.

"The Belvedere" is being marketed as a "one-off designer residence . . . well suited to this increasingly design-conscious age". As such, its imagery would be considered as post-modern — it is a complex collage of roofs and windows bays, broadly

# SUBURBAN STYLE

Ian Latham reports on a speculative "one-off designer residence".

symmetrical in its three-level compact arrangement facing away from the railway lines one the north. But it's certainly not facade architecture; rather, there has been a careful mediation between ideal room shapes and external composition — effectively an expressionist response — with none of the gimmicks or clichés or deceptions of what normally passes as post-modernism.

The designer tag does the architects something of a disservice. What might seem fashionable on one level is also deeply rooted in the local context. Golders Green is one of the encrusted suburban districts of London and the quality of its domestic architecture is uncommonly good. Nearby is the prototypical Hampstead Garden Suburb laid out by Parker & Unwin with a wealth of fine buildings, not least being the Institute and churches by Lutyens in its Central Square. Madigan and Donald have been particularly conscious of this context and see the Belvedere as part of a tradition, both in terms of architectural form and enterprising development.

The projecting gables and articulated roofscape, the high level of craftsmanship — including an elegant etched glass bay on the rear — as well as the general ordering of priorities, place the house firmly in the arts

and crafts garden suburb mould, even if rustic sensibilities have been usurped inside by the latest in high-quality European fittings, a polished granite kitchen worktop and a purpose-designed modern rig to set off the Corbusier Inglinge and Eileen Gray table.

From a distance the house sits comfortably and convincingly in its context. It conforms with most of the unwritten rules that govern the suburb — in materials, architectural language and siting — and it responds well to longer views from the curving road and from a nearby crossroads which it addresses axially. Circulation space has been kept to an absolute minimum by

placing the staircase and hall at the heart of the triangular plan with a projecting glazed semi-circular bay forming a prominent vertical feature on the rear railway elevation.

Glass artist Ray Bradley was contracted to produce etched panels for this bay, the swirling and zigzag motifs of which accentuate the dynamism of the staircase. The central balustrade too works like a piece of kinetic sculpture, with its jazzy collage of layered steel and timber sections.

The disposition of rooms follows convention, with living areas at ground level, bedrooms above and a second-floor study or fifth bedroom up in the

View from Woodstock Road showing formal character of roofs and gables derived from the context.

rooftop. Their arrangement, however, is thoughtful and inventive and none are straightforward rectangles.

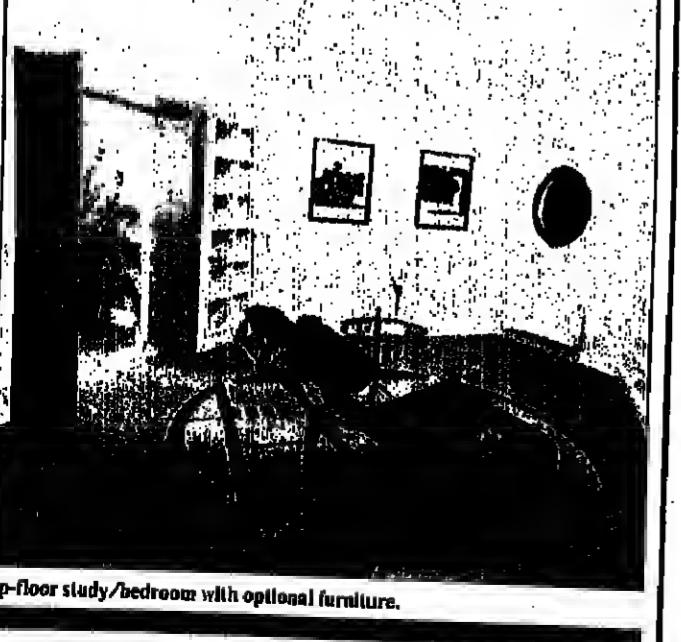
As we would expect, the lounge is the most special space of all. The eight-sided room plan is divided by a central fireplace which stands like a giant H, framing glimpses through its top and bottom as well as around its sides. Behind, a rectangular south-facing conservatory bay is flooded with daylight from three sides allowing the room to be used comfortably in both summer and winter, and diffusing an ever-changing glow through the room. The kitchen/diner is also an ambiguous

continued page 18

The current wave of new investment in the British High Street is bringing with it a new stimulus to the sign making art. As new store chains work to establish their own clear identity across all aspects of their business from merchandise to shop fitting, designers are seeking ways to reflect this personality in the external signs of the store. Today retail exteriors must reflect the originality and creativity of the total design concept. And that means sign makers are increasingly challenged with creative and technically demanding fabrications. It is in these respects that the design flexibility, colour range and technical performance of 'Perspex' will prove invaluable, in complementing the sign makers special skills. The more innovative and complex the fabrication the more essential the quality, reliability and durability of 'Perspex' become. If you'd like to know more about this most exciting and creative sign and display medium, please write to Philip Champion, ICI Petrochemicals and Plastics Division, PO Box 34, Darwen, Lancs. BB3 1QB.

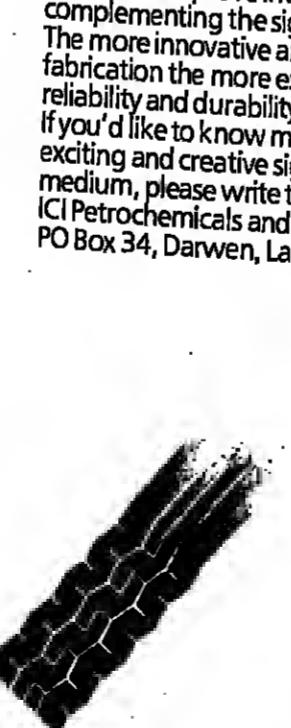


Kitchen/dining area with polished granite worktop.

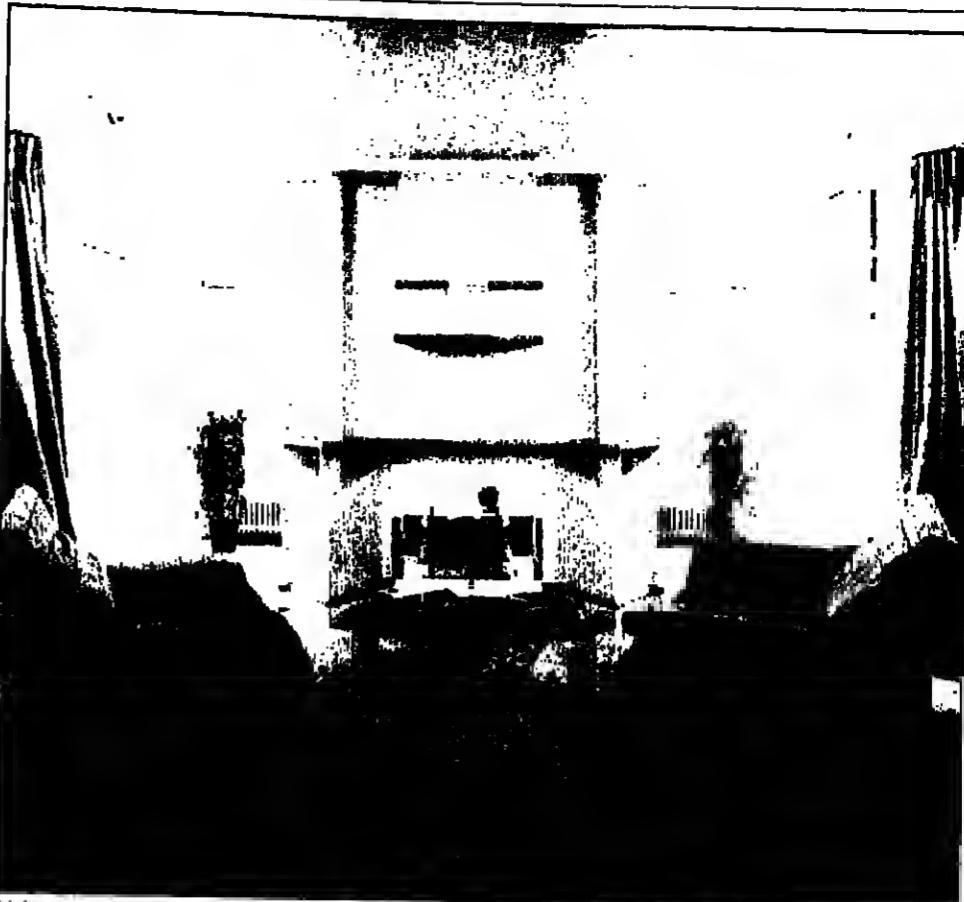


Top-floor study/bedroom with optional furniture.

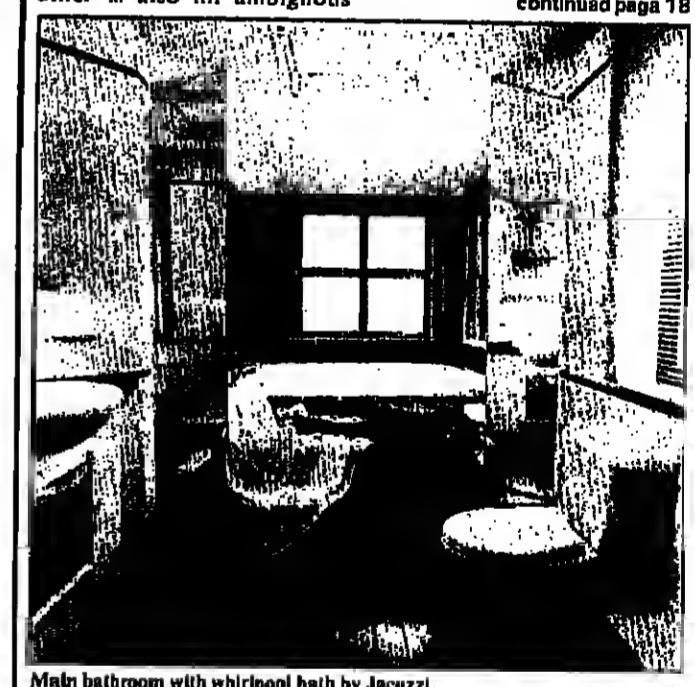
there's only one  
**PERSPEX**  
ACRYLIC SHEET



Stop the traffic



Living room with fireplace, room divider and conservatory behind.



Main bathroom with whirlpool bath by Jacuzzi.



Purpose-built staircase with glass bay by Roy Bradley.

space, divided by a central workshop wing with storage units above. And just as the living room floor is part polished maple and part carpet, so the kitchen area changes from tile to carpet.

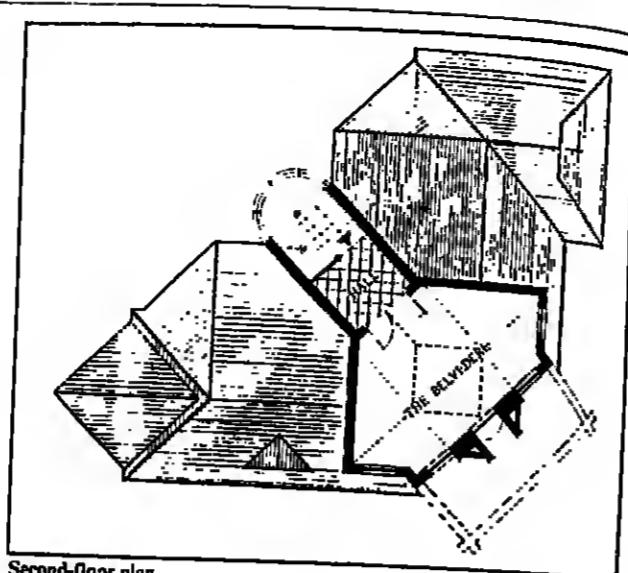
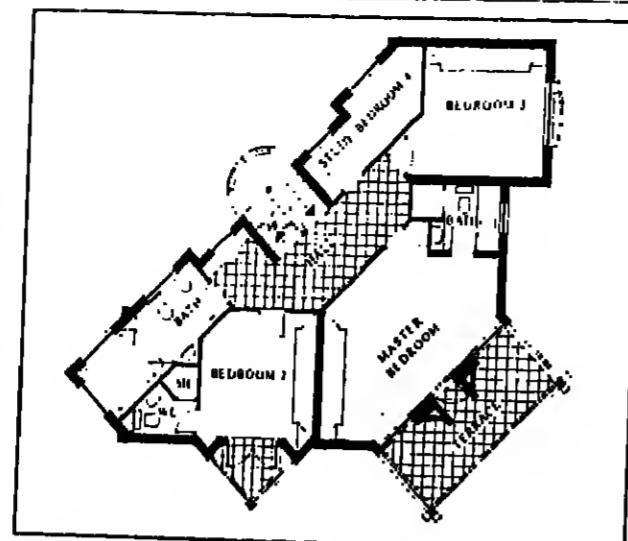
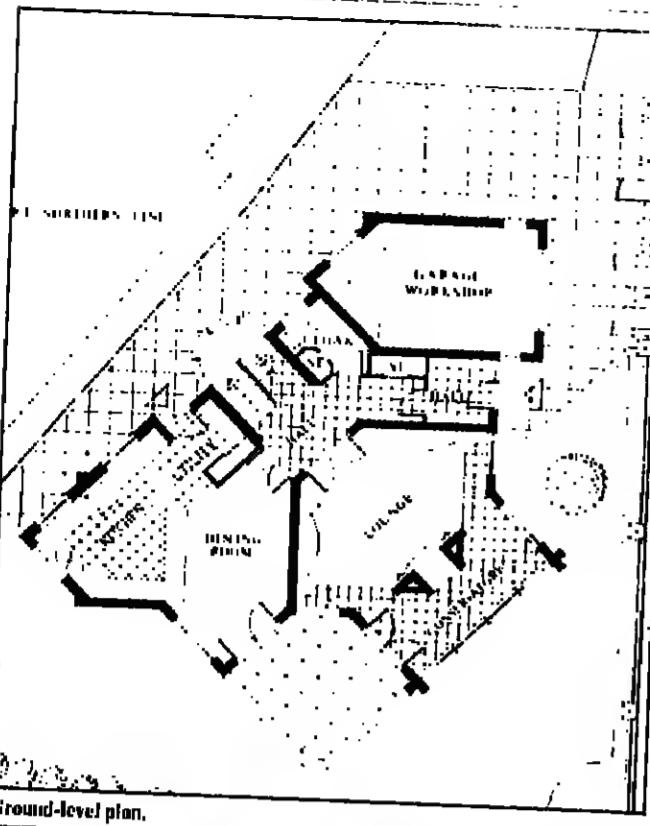
The high quality of finishes and minimalist fittings and the black edging strips to the worktop and wall tiles suggest a 30s ambience that is accentuated by the tubular steel furniture the architects have selected to furnish the house. Though slightly at odds with the arts and crafts aesthetic of the main structure, this has been carried through with panache and consistency.

In these somewhat unusual circumstances, the designers have had the opportunity to indulge in their own stylistic preferences — particularly with the selection of furniture (optional to a buyer) — but they also had to invent an imaginary client, rich and cultured (and without much furniture), who could be their prospective purchaser. Speculative house building has rarely been so self-consciously stylish, but then it only needed one buyer to relate to the place, and that is what has happened, much to the relief of the joint developers.

Upstairs are four bedrooms, two with bathrooms en suite and a separate Hollywood bathroom with Jacuzzi. The master bedroom comes off best, its plan reflecting the living room below (with a terrace over the conservatory). At the sides, two elegant 12ft square rooms are formed into the two pavilion-like wings, their ceilings defined by the roof shapes. One has a triangular balcony and the other a shallow curved ledge reflecting the sweep of the latter-day Serlian window. The fourth bedroom is only 2 metres wide, but it has been planned to work as well as possible in the circumstances. (The architects chose to furnish just this bed-

continued page 18

## Buildings



First-floor plan,  
from page 17

room to prove their point).

The fifth bedroom (or Belvedere) is up in the top of the house, the destination of the spectacular staircase, and its shape again reflects that of the tongue. With windows on three sides and a pyramidal roof light at the apex, it is the lightest and brightest space in the house. In

### Suburban style

its centre the architects placed a Corbusier chaise longue and Eileen Gray table on a specially commissioned round ring, cult Modernist designer objects at the end of the pilgrimage route

just in case visitors had suspected post-modernist heresy along the way.

It is important to note that

"The Belvedere" is not intended to indicate a universal architectural solution. Its contextually derived form, perhaps grotesque and whimsical in isolation, is simply a response to the good qualities of the suburb and in reaction to its limitations. It is reassuring that Madigan and Donald received full backing from Barnet's planning department in their endeavour.

The practice has just started on site with a similar design-build scheme for a house in the London Borough of Brent for Town & Country Properties.

**LTA** INDOOR **SPORTS COUNCIL** TENNIS COURTS

**DESIGN AND CONSTRUCT TEAMS REQUIRED FOR MAJOR CONSTRUCTION PROJECT**

The Lawn Tennis Association (LTA) is the governing body for tennis in Great Britain. In a major drive towards increasing and improving tennis facilities, the LTA is launching an initiative with the Sports Council to promote the development of competitively priced, purpose built indoor tennis courts, either covering existing courts or on green field sites.

The LTA is looking for design and construct teams to package 2, 3, and 4 court units together with a modest service unit to include changing/shower areas and a reception area. It is envisaged to offer three or four options to potential sponsors and the aim is to build a minimum of 500 additional covered courts over a period of 5 years. Applicants should demonstrate previous experience in the design/construct field and should be able to co-ordinate construction of projects in different parts of Great Britain simultaneously.

A general briefing document is available from the LTA. Upon submission of the applications a short list will be drawn up and chosen applicants will be asked to give a presentation of their costed proposals. Please write for further details to Phillip Sandilands, LTA, Barone Court, West Kensington, London W14 9EG or call 01-388 2386.

Closing date for initial applications is 7 July 1986.

**BushBoard**

*For over 50 years, first name in laminated plastics fabrication*

Now, from Bushboard, three good reasons why your next job will be perfect:

1. Bushboard's Ideas Chart. It's in A4 for quick and easy reference. Shows many ways Bushboard products can be incorporated: for wall paneling; columns, off and auditoria ceilings; paneling sections; door panels in Formica, acrylic, office applications, and cubicles, office units, etc.
2. Bushboard Specifier's Colour Selector. Standard colours, hand-picked to meet most needs, reinforced with smooth velour surfaces, each (alternative colours, patterns and surfaces also available of course for "specials"). With this as guide, you'll always get the colour right.
3. An superb Bonded Performance Board. Much more than a leaflet showing the outstanding functional and performance features of the board. Must your board be fire-resistant, for instance, or strong, with good physical durability? Here are all the permutations for getting the right board for the job.

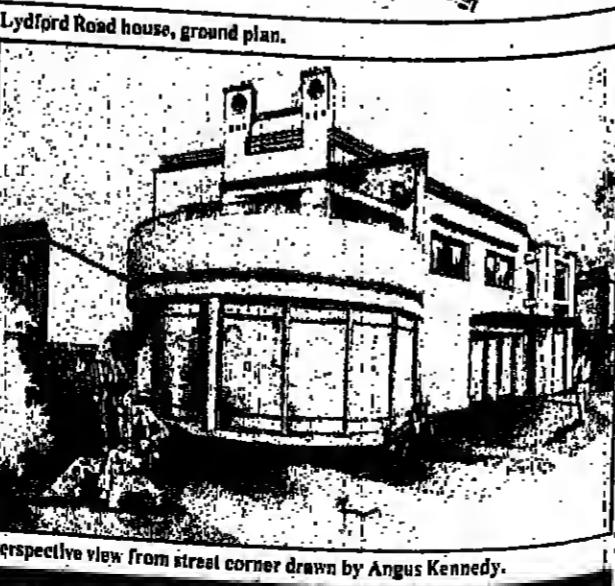
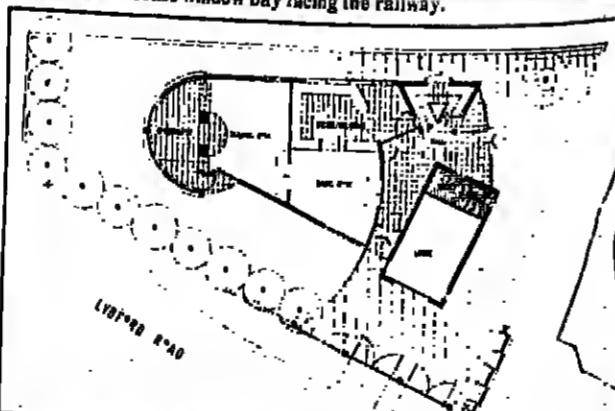
The application... the colour... the characteristics... What else do you need to know about laminated plastic? Get your free copies now!

**Build better with BushBoard**

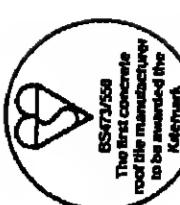
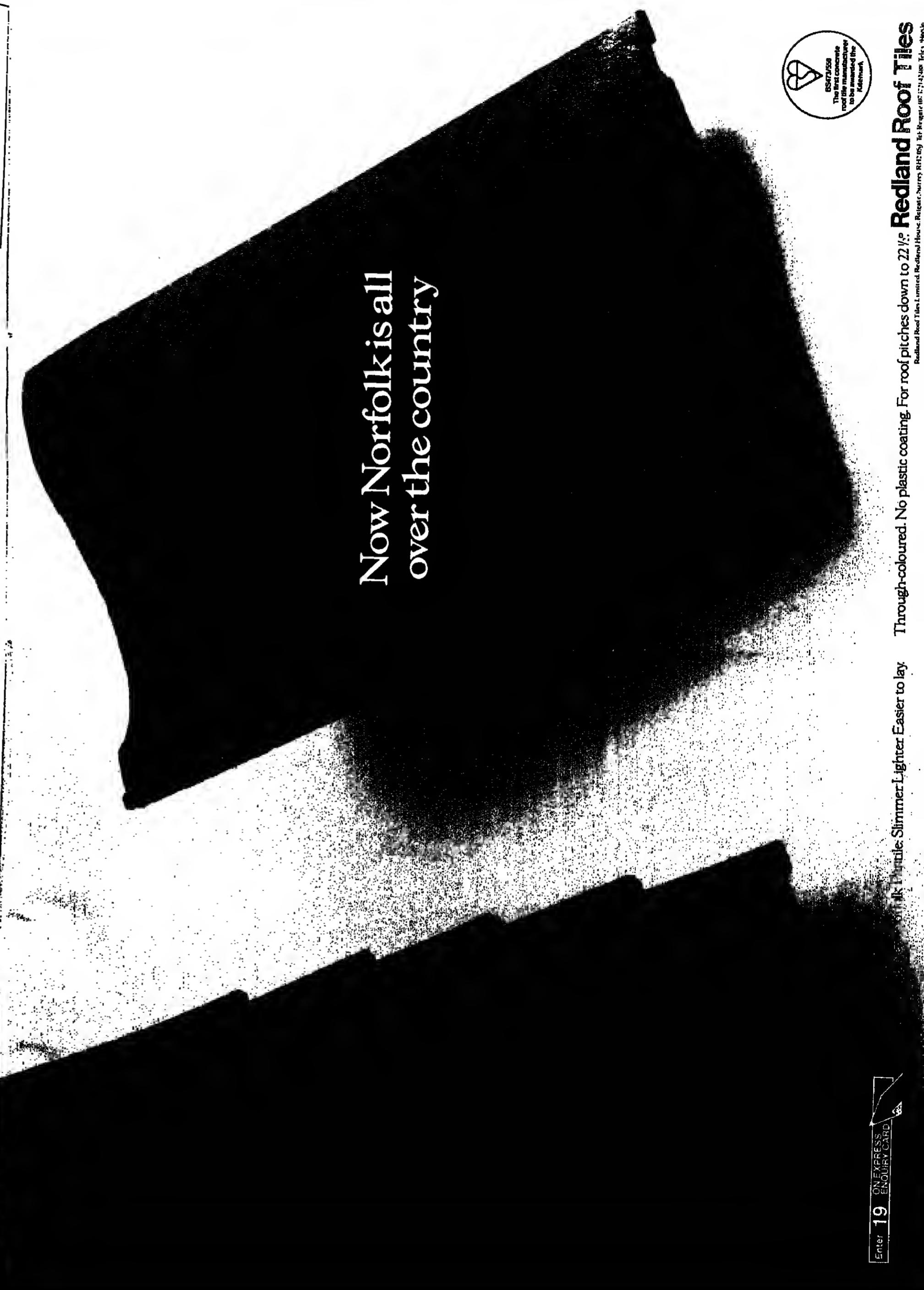
**Bushboard Limited**

Telephone: 01-991 1111

Enter 18 ON EXPRESS ENQUIRY CARD



Now Norfolk is all  
over the country



**Redland Roof Tiles**

Redland Roof Tile Limited, Redland House, Reigate, Surrey RH1 2LS. Tel: Reigate (0173) 743400. Fax: 0173 743400.

Through-coloured. No plastic coating. For roof pitches down to 22½°.

Lighter.

Easier to lay.

Smaller.

Faster.

Quieter.

"I BELIEVE all architects should be able to draw — it seems to me to be synonymous with being a good architect," says David Rock, new chairman of the Society of Artists in Architecture. Rock is applying a new brush to the society, hoping to boost its membership and change the emphasis of its members' work.

"The work that we show is not particular to architects," he says. "It does not look very much

different from that produced by any other art society, and we're rather 2-D orientated, with a lack of sculpture and other work." His aims include extending the range of approaches to art and promoting the fact that architects alone of the building team have an art background.

This year's exhibition will include a greater mix of work than previously, from abstracts by Richard Pimblett to oils, watercolours and straight architec-



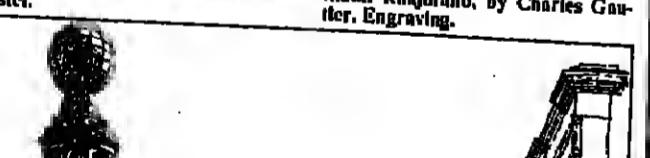
Church Edge, San Gimignano, by David Rock. Pastel and watercolour.



Landscape, by David Culican. Watercolour.



Alva Sornelli, by Philip Pank. Oil pastel.



India: Khajuraho, by Charles Gatter. Engraving.



St Martins Lane, London, by Francis Tibbalds.

GET MORE  
FOR YOUR  
MONERGY

**DESIGNED FOR THE FUEL OF THE FUTURE**

## Exhibitions

# ART OF THE ARCHITECT

The Society of Artists in Architecture is holding its annual exhibition at the RIBA, from June 3 to July 12. We preview some of the exhibits.



Above: Bathers in Tuscany, by Philip Pank. Oil. Right: Indolent Tendency at Gore Hill House, by Brian Thaston. Oil. They were all members of the GLC housing architects group.



They were all members of the GLC housing architects group.

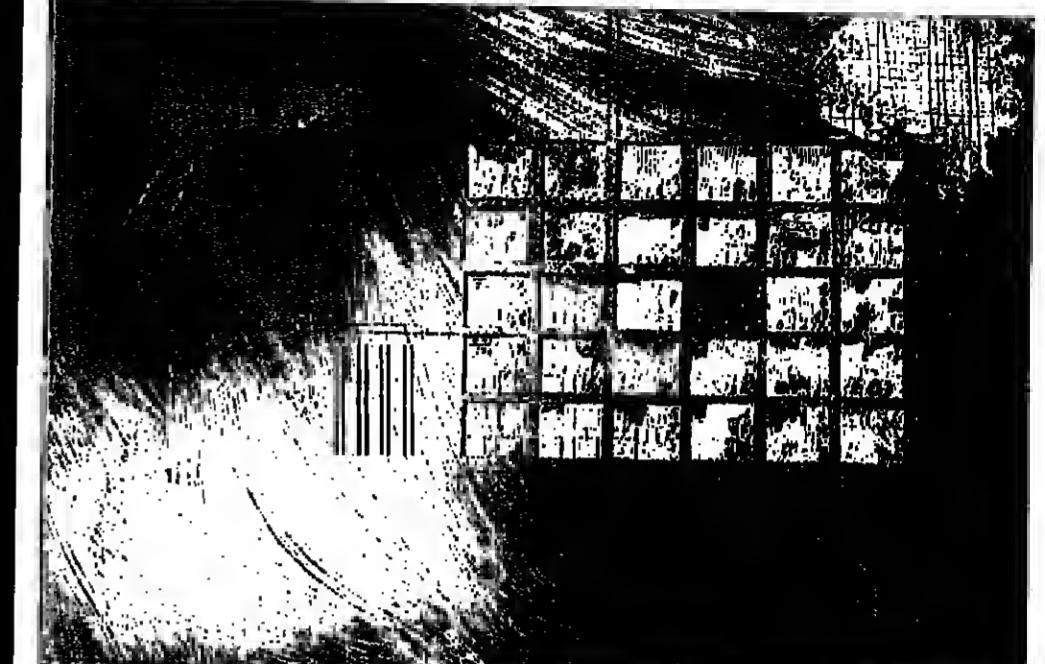
tural drawing.

"Drawing is a visualisation process for oneself," says Rock. "It heightens the awareness of space and form, and of colour, textures and the effects of weathering — so many architects and architectural students think and draw in black and white. Drawing similarly emphasises the value and role of detail and of the building's setting and environment.

"Also, interest in art adds another set of values to

architectural thought. Generally, however, the whole process of drawing seems to me to do with reality and an awareness of the real thing.

"That is why I am apprehensive of the effect on architecture of the fashionable minimalist line Birkin Haward, see past the line and know what they are drawing. Many copiers of the style, but not the skill, do not."



Choreographic No 2, by Winston Barnett. Oil on board.

# TOMORROW, TODAY.

Gas is, by far, the most popular fuel for catering. Demanded by established chefs and the new generation alike.

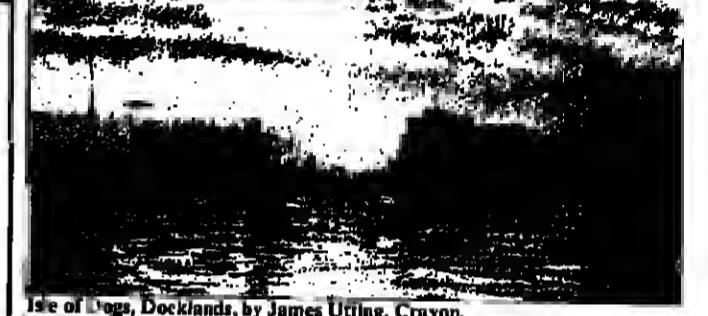
Designers are responding to that demand and the significant advantages of gas. With modular systems, as modern as tomorrow, for the way we cook today.

They've introduced new advanced features. Like fan-assisted ovens, multi-zoned griddles, heavy-duty pan supports, ultra-control burners.

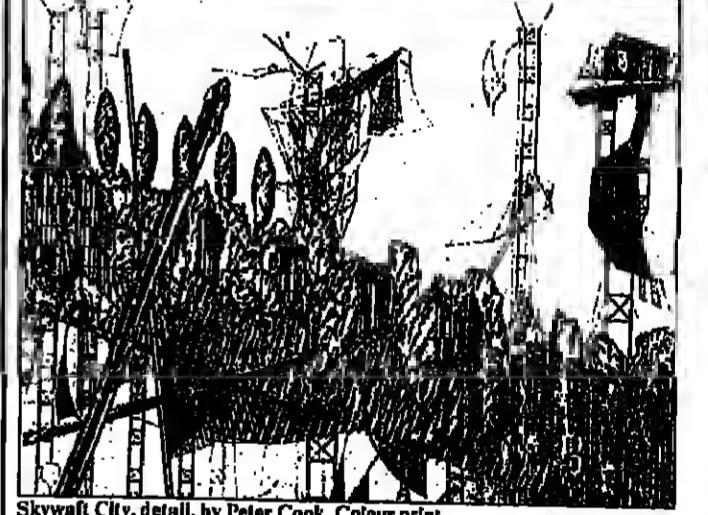
And easy-clean anti-knock surfaces, with hygienic sealed joints.

Cooking equipment is changing. Gas is the natural fuel to keep up with those changes. Now, and in the future.

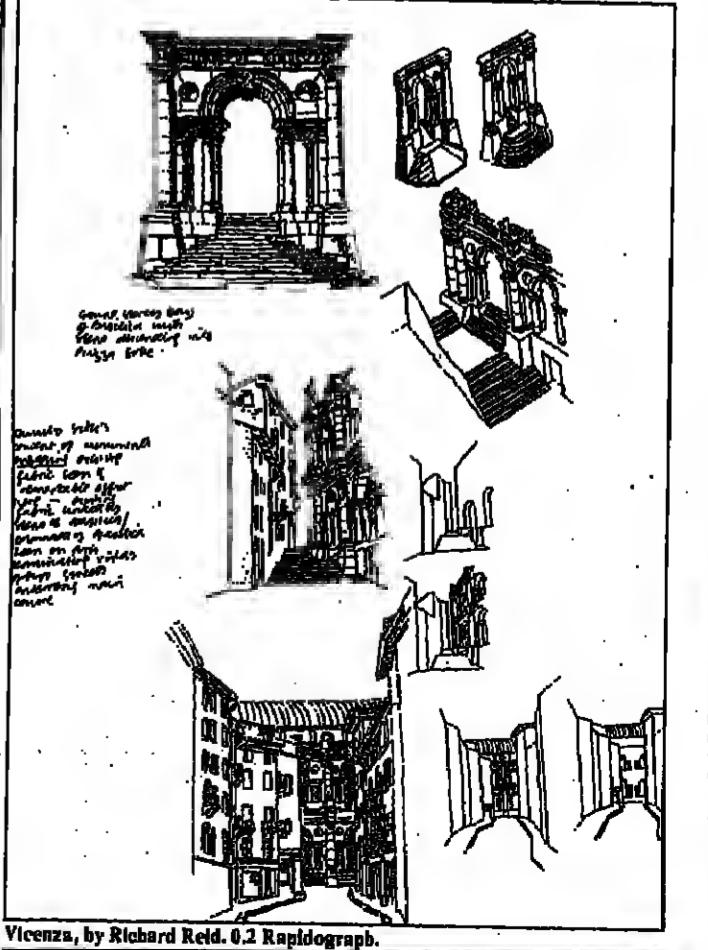
**British Gas**



Isle of Dogs, Docklands, by James Uting. Crayon.



Skywharf City, detail, by Peter Cook. Colour print.



Vicenza, by Richard Reid. O.2 Radiograph.

# TURKISH INSIGHTS

1987 is the UN's International Year of Shelter for the Homeless. Stephen Trombley attended the annual meeting of the Habitat International Council — the non-governmental committee on human settlements — in Istanbul.

THIS year's Habitat International Council meeting opened under a cloud. There were the usual last-minute organisational problems, but these were as nothing compared with the concern one might have felt at Istanbul's relative proximity to Chernobyl.

So it was against a background of press warnings not to drink the milk, to avoid rainwater, to clean one's shoes well in country areas and to shower regularly that HIC president David Hart opened the proceedings. Only peace-keeping was more important than the problem of human settlement, he began. "It is to the shame of the better off governments that they have not committed themselves more to the recommendations of the 1976 Habitat conference in Vancouver," he continued. "Governments should contri-

bute a percentage of funds spending to settlements."

The role of women in human settlements was high on the agenda. David Hall summarised the problems. Women are often ignored because they live and work in the informal sector which, he argued, receives no economic recognition or status. Shelter decisions are often made in the formal sector. There is little dialogue between the two sectors. But, at the community level, women stand at the heart of informal organisations which are characterised by clear and effective structures and networks. Women, therefore, can act as key factors in bringing together the formal and informal sectors in an effort to achieve truly community based solutions to shelter problems.

The value of informal sector roles was highlighted by Michael Colen, a World Bank adviser on water and waste

management and urban problems. He asked whether so-called appropriate technology was always appropriate. In water programmes, for instance, the basic choices are between the "appropriate" technology of the hand pump, and the "Western" technology of mechanical pumps and pipe networks. The hand pump is cheap and requires little maintenance. The mechanical system is expensive and needs looking after. But he cited an example from Burkina Faso where, under the traditional "appropriate" technology, some women spend up to eight hours a day fetching water. Multiplied annually, it represents thousands of hours. Perhaps the price of "appropriate" technology in such a case is the absolute devaluation of women's time.

Dr Anje Wiersinga argued, "women are the main users of housing. But their participation usually begins where planning and building ends". Women, she argued, have three priorities: children, house management and income generating work. "The house itself determines how much time women can spend earning money," she said. By involving women in the planning and design not only of houses, but of communities, their potential can be unlocked for the benefit of all.

It is an acknowledged fact, and not just in Third World countries, that women's income is necessary. But everything conspires against it. Child care facilities are often non-existent. Public transport tends to operate at an early hour, when men go to work, leaving women virtually stranded by the time they have finished with children and housework. If, as a result, it takes a woman two or three times longer to reach her place of work, it is an important factor in

management and urban problems. He asked whether so-called appropriate technology was always appropriate. In water programmes, for instance, the basic choices are between the "appropriate" technology of the hand pump, and the "Western" technology of mechanical pumps and pipe networks. The hand pump is cheap and requires little maintenance. The mechanical system is expensive and needs looking after. But he cited an example from Burkina Faso where, under the traditional "appropriate" technology, some women spend up to eight hours a day fetching water. Multiplied annually, it represents thousands of hours. Perhaps the price of "appropriate" technology in such a case is the absolute devaluation of women's time.

The value of informal sector roles was highlighted by Michael Colen, a World Bank adviser on water and waste

management.

The conclusions to be drawn from these observations, Wiersinga warns, are that "human settlements will continue to have a low priority until the value of women's skills and participation is recognised; and if you improve housing, you improve the economic performance and productivity of women, and therefore, the national economy".

John F C Turner introduced the non-governmental organisations (NGO) case studies project, of which he is co-ordinator. Some 30 cases from Africa, Asia, the Americas and Europe are being thoroughly documented.

Researchers working in communities will be preparing documentation in the form of articles, slide shows and posters, as well as very detailed studies aimed at the professional, in time for 1987. Introducing the project, Turner said its purpose was "to raise global awareness or problems, solutions and activities". He warned against interpreting "homelessness" literally. "Homelessness," he said, "is also lack of community, of neighbourhood."

Turner's approach is "bottom up" rather than "top down", ie, people deciding their needs and priorities (they are, after all, the experts on their own experience) and working with professionals and government to achieve those needs, rather than solutions being imposed from on high — either from government, or from international aid agencies. The space, time and energy needed to make communities work comes largely from what he calls the "third sector" — the first sector being government, the second being the market. And, he added, women are more often than not the key to the third sector.

Turner stressed that the importance of the NGO case studies was that they are applicable to the First World as they are to the Third. Professor Reiner Ernst briefly presented the case study he has organised in Kreuzberg, West Berlin. Here, in a bomb-damaged and forgotten part of the city near the wall, the elderly lived cheek by jowl with the new influx of Turkish "guest workers" and young squatters. The neighbourhood was the scene of violent confrontations between police and residents and angry squatters attacked banks and other institutions which refused to fund a participatory renewal of the area. In the end, the community's objectives were achieved, along with a change of government policy on housing. The houses have been sensitively restored rather than bulldozed, and the community-based approach has generated a new economic network of successful small businesses.

The relevance of the community-based approach to urban problems was well illustrated by the city of Istanbul itself.

Mayor Bedrettin Dalan explained that, in a city of 6 million, 2.5 million lived in squatter settlements — nearly 42 per cent of the population. Dalan is an engineer by training, and himself the product of a squatter settlement. Simultaneously, he is pursuing a billion dollar programme of cleaning the Bosphorus and creating a landscaped area along its European and Asian shores and planning for the legalisation of squatter settlements all over the city. There has been a fair



19th century wooden house, Sadak.

amount of bulldozing along both coasts of the city. But, within the city itself, ownership licences are being granted. Of the squatter settlements, Dalan says: "Our houses are real. They grow, they develop. They become, in time, modern buildings."

Of real interest was the work

of Kent Koop, an Ankara-based cooperative which is the largest in Turkey. While some members of NGOs would argue that its close links with government make its claim to participation questionable, there is no doubt that it is having a dramatic effect on Turkey's housing problem. It is providing rental housing for the first time in Turkey, and is also launching a programme of five and 10-storey high-rise blocks which are handed over to residents 70 per cent complete.

Squatter housing in Istanbul. Development has created comfortable dwellings.

Kent Koop argues that by the year 2000, three out of four Turks will live in cities — an urban population of some 20 million. The housing requirement will be five million units, with 3 billion sq m of urban land area for building.

An interesting aspect of Kent Koop is that, in addition to manufacturing building materials and operating construction companies, it has also created a labour co-op — Turkey's first. Because so many urban dwellers are recent immigrants to cities, their labour is required in their home village at harvest time. The result is that, during two peak building months, there is a daily labour shortage in the

representatives of NGOs took heart at the paper given by Dr Arco Ramachandran, executive director of Habitat. Ramachandran, the meeting fell, offered recognition that NGOs had a vital role to play in human settlement, in relation to Habitat, governments and the market. Marking the 1976 Vancouver conference as a watershed in the history of human settlement, and recognising the importance of the NGO case studies to be published in 1987, and of the conferences which will be held in the UK, Germany and other venues, Ramachandran said the 1987 Habitat meeting should be devoted to an action plan "to meet the target of shelter for all the poor by the year 2000".

There is no shortage of desire among people, and no shortage of relevant expertise, to make Ramachandran's ambition a reality. As always, there is a shortage of money. It is their persistence in giving a low priority to the problem of shelter that unites governments of all complexities, whether they be First or Third World.

Stephen Trombley is producing a series of five one-hour films on the housing problem worldwide, using case studies prepared by Habitat International Council's NGO Habitat Project.



Above and below: Istanbul is now poised to disguise large areas of squatter settlement.

## AN OLD BRAND NEW



For 20 years Sadolin PX-65 has been regarded as the classic woodstain — the market leader and the standard by which others have been judged.

So when we decided to repackage it to meet the needs of the ever growing consumer market, we also decided to award it the accolade of a new name to match its hard-won reputation.



**Sadolin** Sadolin  
The first name in wood protection!



Above and below: Istanbul is now poised to disguise large areas of squatter settlement.

# SPEAK WITH AUTHORITY

Take the new Building Regulations. The Building Control Officers and Approved Inspectors have been studying these for some time. They are the authority. Bound to be one up on you when it comes to the nitty gritty. But there are one or two important things you should really know. First and foremost the Regulations themselves, quite a slim document. Choose to meet those regulations. It's the same as the old bye laws. They were in one typeface, the 'deemed to satisfy' provisions were in another and therefore not binding.

Any previously approved Celcon form of construction will meet the requirements of the new regulations. For Celcon nothing has changed. Take for instance, insulation. 125mm of suitably finished Celcon Solair inner leaf to brickwork gives you 0.6 and that's a fact as that regulation.

If you want a slimmer wall 150mm solid plus tile hanging or something similar will also do the business.

And when it comes to below d.p.c., frost resistance, fire resistance, fixings and things we could go on and on, but it's all in the Celcon book of knowledge.

Clip the coupon for your copy, then you too can speak with authority.

Head Office and Southern Region Sales Office: Celcon Limited, Celcon House, 289-293 High Holborn, London WC1V 7HU. Telephone: 01-242 9766. Northern Region Sales Office: Celcon Limited, PO Box No. 2, Power Station Road, Rugeley, Staffordshire. Telephone: 0884 3421.

**CELCON**  
BUILD A REPUTATION

## Handy Scots guide

By Richard Carr

*Stirling and the Trossachs*, by Charles McLean, (The Royal Incorporation of Architects in Scotland and The Scottish Academic Press, £3.95). *Scottish architects in conservation* (Conservation Bureau, Scottish Development Agency and the Royal Incorporation of Architects in Scotland, £7.50).

CHARLES McLean's guide to Stirling and the Trossachs follows the pattern successfully laid down by the RIAS-inspired guides to Edinburgh and Dundee, which so far have sold 10,000 and 6,000 copies respectively.

The books are small in format, so fit easily into a coat pocket or the glove compartment of a car, and are extremely cheap. Their approach to architecture is to be both informative and journalistic — one might almost say chatty — so that background information is given on local history, literature, personages etc., also illustrated, to put the buildings into a much wider context than a mere definition of their styles and most important features would do.

The trouble about Stirling,

however, is that once its early history has come to a close, nothing much seems to have happened in this town at the gateway to the Scottish Highlands, so that the guide leans more heavily on the architecture than its predecessors, and this too is perhaps less interesting than in places such as Edinburgh or Dundee.

Certainly there is less variety, and what there is, is more traditional Scots. Thus it is a pity that the author missed the opportunity to note, for example, that Stirling Castle was used as the backdrop for the BBC TV series "Colditz"; that what remains of the field of Bannockburn has almost certainly been covered by a sea of extremely undistinguished council housing (so much for Scottish respect for their history); that the National Trust for Scotland's visitors' centre at Bannockburn is typical in its style of National Trust centres throughout Scotland; and that Stirling University is yet another out-of-town green field site which, because it is divorced from its natural surroundings (like Sussex, for example), makes many of its students feel isolated and become ill as a result. Beautiful in summer, it can be very cold and bleak in winter.

Nevertheless,

allowing for the prevalence of a more traditional Scottish architecture than in the other two areas mentioned, there are plenty of beautiful and interesting buildings to see around Stirling and its hinterland.

They range from castles like Balquhidder, Doune and Edinample, tower houses like Old Sauchie and laird's houses like Auchenvoe, Gargunnock and Lechie, to classical houses like Catter, Garden, Garren, Touch House and Wrightspark, neo-Gothic mansions like Blair Drummond, mills like the Royal George in Bannockburn and particularly Scottish institutions like the Hydro at Dunblane (now, unlike the Hydro at Crieff, no longer "dry"). It is amazing to find a big hotel in Scotland that still has no bar!

Also produced by the RIAS, and this time with the Conservation Bureau of the Scottish Development Agency, is *Scottish architects in conservation*, which is described as "a unique directory listing the most important works of building conservation in Scotland over the past 15 years". There are in fact more than 1,000 of them, carried out by some 150 architectural practices, and about one quarter of these are illustrated by photographs, drawings and plans. They range from the restoration of castles like Peffermill and Thirlestane, and grand houses like Hopetoun and Chatelherault, to much more humble dwellings like the 16th century manse at Anstruther (which I reported in BD some years ago), and town houses in Edinburgh, Kirkcaldy and Bo'ness.

There is also the ongoing work at New Lanark, the rebuilding of the Grosvenor Hotel in Glasgow (which I also reported in BD) and the conversion and restoration of dock buildings in Leith, not to mention the Dunmore Pine-

ple (which you can rent as a holiday home from the Landmark Trust) and (Scottish architects working out of Scotland) the restoration of Fort Jalil in Muscat for the Sultanate of Oman.

In addition, the book has an index giving the names of the architects working on conservation in Scotland, plus ecclesiastical, public, industrial, commercial and private projects, builders, contractors, consultants and craftsmen. It demonstrates clearly that a considerable amount of work on both large and small buildings is being undertaken in Scotland today and, as the Marquess of Bute, chairman of the Historic Buildings Council for Scotland, notes in his foreword:

"The proper conservation

and maintenance of our architectural heritage is a demanding and expensive task. Much money can be wasted and harm done if projects are undertaken without the necessary skills and knowledge. I hope, therefore, that this book will serve its purpose as a guide to the breadth of professional expertise which so fortunately flourishes in Scotland and which has been the means of giving new life to so many of our most important buildings."

Royal George Mill, Bannockburn, Stirlingshire.



Above: Griblock, built by Basil Spence and Perry Dunlop, 1937-39. Built for the Colville steel family, it is probably the largest "international modern" house in Scotland.



TAC Tacfire

P.O. Box 22, Trafford Park, Manchester M17 1BU. Telephone: 061-872 2181



Municipal buildings, Stirling.

Auchenbowie House, Stirlingshire.

gather with an index and cross-referencing in the text, makes this a very handy and extremely comprehensive guide to the area.

Also produced by the RIAS,

and this time with the Conservation

Bureau of the Scottish

Development Agency, is *Scottish architects in conservation*,

which is described as "a unique

directory listing the most im-

portant works of building

conservation in Scotland over

the past 15 years". There are in

fact more than 1,000 of them,

carried out by some 150 archi-

tectural practices, and about

one quarter of these are illus-

trated by photographs,

drawings and plans. They range

from the restoration of castles

like Peffermill and Thirlestane,

and grand houses like Hopetoun

and Chatelherault, to much

more humble dwellings like the

16th century manse at Anstruther

(which I reported in BD

some years ago), and town

houses in Edinburgh, Kirkcaldy

and Bo'ness.

There is also the ongoing

work at New Lanark,

the rebuilding of the Grosvenor

Hotel in Glasgow (which I also

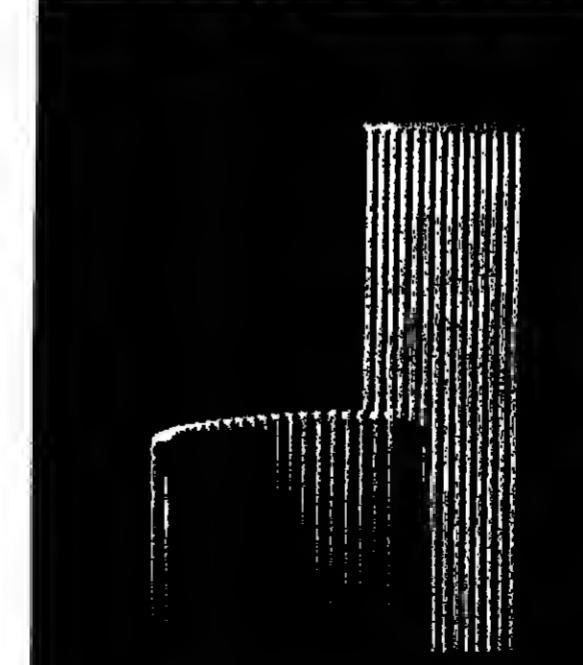
reported in BD)

and the conversion and resto-

nation of dock buildings in Leith,

not to

mention the Dunmore Pine-



**HEAT WITH STYLE -  
ZEHNDER**

Zehnder radiators offer a complete heating radiator programme in aesthetic yet functional style. Four types are available, panel, convector, 1 column and multi column, each in a wide range of heat emissions and dimensions.

HAENNI LIMITED

Caroline House, Invincible Road, Farnborough, Hants. GU14 7QU  
Telephone: 0252 515151 Tx: 051/858093

Compiled by Harold Hudson

## North-west region no longer unloved

DESPITE the reports one is inclined to read in the press, the building business in the North-West is not as dead as one might expect. This certainly comes across in the scramble that has taken place for exhibition space in the new G-Mex Greater Manchester Exhibition Centre, which will be the home of the first Building North West exhibition from June 3-5, 1985.

Over 200 exhibitors are expected to take part in Building North West. In fact, when last I checked with the exhibition organisers, there were only 90sq m for room for about five standard stands still going strong — vindicating the organisers' confidence that buoyancy in the region was sufficient to make this show worthwhile.

Generally the region has

**For further information on the products on these pages, fill in and return the enquiry card.**

### QS computer

DIGITAL Building Systems' estimating software was originally developed with the medium-sized contractor in mind, although its inherent flexibility makes it adaptable to small or large organisations. It has been developed with the aim of eliminating time-consuming learning processes and making work with the system resemble, as closely as possible, conventional operations. Most recent addition to Digital's range is the Bill Production software.

Enter 100 on Express Enquiry Card

### Floor tiles

DENNIS Russon, the quarry tile specialist company, will be showing four new products. Qimrandini is entirely new anti-slip tile with an aggregate added to its surface to reduce the risk in wet or dry conditions. Russon Rustic and Russon Red pavers in two thicknesses have been introduced to complement the traditional quarry tile range. The final two introductions are a heavy duty 194mm x 194mm x 25mm tile and Russon Lonsport, a quarry with an interesting new blue/brown colouring.

Enter 104 on Express Enquiry Card

### Chemicals

THIRTY years' experience lies behind FEN (Gwent Britain) and its skill in the formulation and production of construction chemicals — ever since Febmix Admix, in fact, the world's first resin based self-entaining mortar plasterer. Now its products number over 150, each formulated for a specific application.

Enter 101 on Express Enquiry Card

### Estimating

DEMONSTRATED on the Manfest stand will be the computer-aided estimating and valuation system of the same name. This is said to eliminate much calculation and clerical work, while still leaving the user firmly in control. Such operations as comparison of subcontractor quotes, production of valuations with detailed information and the preparation of Bills of Quantities can be quickly undertaken, it is claimed, within a few hours of receipt of the package.

Enter 102 on Express Enquiry Card

### Wood burner

EACH one of the woodwaste-burning heaters manufactured by Talbot's Heating will be shown on its stand. Five in all, these heaters comprise two new space heating stoves, ideal for the small workshop or greenhouse, and three larger models for workshops of 200sq m and upwards. Talbot has been working in this woodwaste-burning sector of the heating business for about 10 years, allowing companies to save heating costs, as well as the cost of waste disposal.

Enter 103 on Express Enquiry Card

### Cladding

AGGREGATE-faced grp cladding panels suitable for exterior use will be on show on the Cape Stenni stand. Available in eight natural colours and three aggregate sizes, Stenni panels are lightweight, durable (20 years-plus life expectancy), maintenance-free and unaffected by climatic extremes. They are rot-proof and immune from insect and vermin attack. This form of cladding has a Class D rating to the Building Regulations and has been awarded a BBA certificate.

Enter 107 on Express Enquiry Card

### Mobile phones

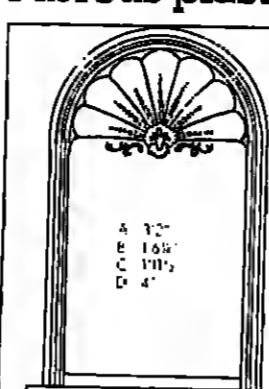


TRANSMOBILE will be at the show demonstrating its extensive range of cellular radiophones which stretch in application from control of a JCB fleet on site to conventional car phones.

Transmobile is an authorised dealer and installer from British Telecom, Mobile Phone, Motorola and Vodafone. Its wide choice of equipment allows it to cater for particular requirements, backed by service and maintenance support. Facsimile units will also be on display.

Enter 108 on Express Enquiry Card

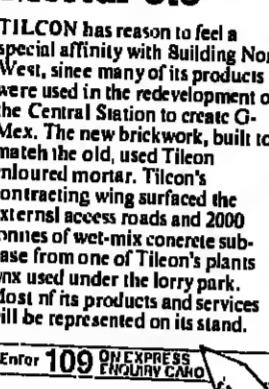
### Fibrous plaster



A & S Wallace, expert contractor in fibrous plaster and other plastering and ceiling work, will be taking the opportunity of Building North West to promote its fibrous plaster mouldings. These can be supplied on a series of standard components, including 10 corners, six panel mouldings, four ceiling centres, four brackets and two niches. Also special shapes can be produced on demand. Wallace is also expert in the repair and reproduction of old fibrous plaster work.

Enter 110 on Express Enquiry Card

### Mortar etc



TILCON has reason to feel a special affinity with Building North West, since many of its products were used in the redevelopment of Central Station to create G-Mex. The new brickwork, built to match the old, used Tilcon enclosed mortar. Tilcon's contracting wing surfaced the external access roads and 2000 tonnes of wet-mix concrete sub-base from one of Tilcon's plants was used under the lorry park. Most of its products and services will be represented on its stand.

Enter 109 on Express Enquiry Card

## Insulation problem?



## The experts' solution is in the Styrofoam Plan

Whatever the thermal insulation requirements of your latest project, the Styrofoam Plan will complement your expertise.

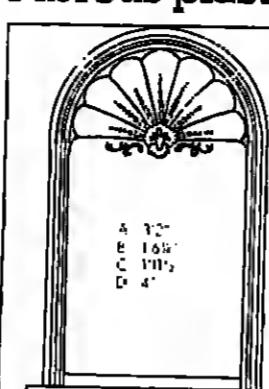
We offer a range of more than 17 products, each with its specific application. But in addition, we can design products tailor-made to meet new and unusual problems.

We have the technology to produce insulation in thicknesses from 20mm-200mm. In densities from 20-60kg/m<sup>3</sup>. With many surface finishes and edge treatments. To meet your individual needs.

Made of blue extruded polystyrene foam, Styrofoam Plan products, with a uniform closed cell structure, provide an ideal combination of thermal and mechanical properties.

Low thermal conductivity. Lambda values range from 0.024 to 0.033 W/mK. You can meet regulations at minimum thickness.

### Distance measuring



ELECTRONIC distance measuring instruments of Swedish origin will make up the Gentronics' display. Most have a built-in, one-way communication facility which allows the instrument operator to speak to the person running the reflector station. Instruments are either of the mount-on variety for use with conventional theodolites or Total Station units. The former include the recently introduced Gendimeter 220, which is a miracle of miniaturisation; the latter include Model 136 for building work and Model 140 for land surveys.

Enter 112 on Express Enquiry Card

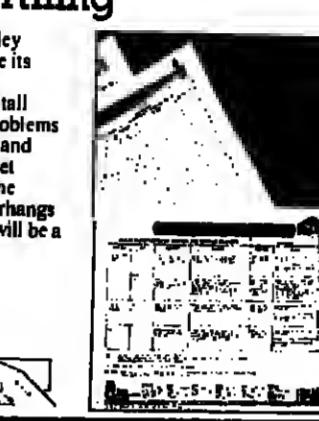
### Tough glazing



WARWICK and Bailey is expert in manufacturing vandal-resistant Vandelite glazing in many forms and has been for a number of years. Some examples of these products will be on show, together with grip replacement door carriers and a new product range — the Trespa-Volkem range — consisting of maintenance-free cladding, anti-vandal cladding covers, security rooflights, anti-bandit glazing and custom-built rainwater disposal systems.

Enter 114 on Express Enquiry Card

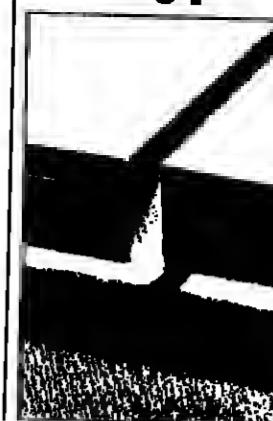
### Eaves undertiling



CHIEF exhibit on the Marley Waterproofing stand will be its newly introduced Eaveguard polymeric eave undercut detail which is said to solve the problems of sarking rot at eaves level and sagging on the felt. This sheet membrane is nailed under the sarking felt and slightly overhangs the gutter. Also on display will be a selection of Marley Waterproofing's products, supported by its improved technical literature.

Enter 115 on Express Enquiry Card

### Roofing products



THREE additions to J & D Raynes & Sons' array of roofing products will be shown at G-Mex — Raydex Plus aluminium solar reflective paint, Raydek Plus insulated roof deck boards and Flexobit torch-on waterproof isotropic roofing membrane. The former is suitable for spray application to standard bitumen or modified felts; Raydek achieves a U value of 0.35 on most roof constructions; and Flexobit can be applied at temperatures down to 20degC and has an amazing 1,000 per cent elasticity.

Enter 116 on Express Enquiry Card

### Concrete bricks



BECAUSE Edenhill's engineering quality concrete bricks have just received an Agrement certificate, they will make up a major section of this company's display. Also on show will be a full range of smooth, weathered, rustic and split-faced facing bricks, as well as concrete blocks, such as the Polyblock insulating block and the NoiseMaster acoustic block.

Pavers, too, such as the Piazza rectangular paver and the shaped Quadrupave and Edge paver, will be on Edenhill's stand.

Enter 117 on Express Enquiry Card

### Merchant

TILL and Whitehead, a well-known Manchester-based builders merchant, will be showing for the first time in this country the Cetoxa electronic site level, which is designed for on-site site elevation marking operations. Other goods on the stand will include security products, architectural ironmongery, hand tools, fastenings, power tools and shelving systems.

Enter 118 on Express Enquiry Card

### Pu windows

ON show for the first time in the UK, the Radbury Window Company's new Isopur polyurethane windows will take pride of place on its stand. With outstanding thermal and physical properties, these windows are well suited to commercial applications where long term efficiency is important. Supporting the new arrival will be Radbury's Economy range of uPVC windows.

Enter 120 on Express Enquiry Card

### Ventilation

PRODUCTS involving ventilation will be shown by Ubisolv — products like Ubisol, its complete ventilation package from roofspace items to underfloor vents, Celeste roof lights and Universal skylights. Newest device of all on the stand will be the uPVC Ubisol ventilation and soil pipes terminal with complementary fixing device which ensures its quick and easy positioning on site. Ubisol items are available in three toning colours.

Enter 119 on Express Enquiry Card

### Dust control

YEARS of experience in dust and fume control will be demonstrated by Indusvent Engineering on its stand. This company supplies Moldovit filtration plant and allied silos and boilers which can be used in large woodwaste control plants, with complementary space heating, if required. In addition, Indusvent has its own extensive range of filters with various formats options; specifically engineered to suit the smaller woodworking operations.

Enter 121 on Express Enquiry Card

## PROFESSIONAL INDEMNITY INSURANCE

We shall be pleased to provide competitive quotations. Contact

**Building Design Insurance Bureau**  
147 Connaught Avenue, Frinton-on-Sea, Essex CO13 9RA

or telephone Frinton-on-Sea (025 56) 2112/8543  
or insert No 99 on the reader enquiry card  
or complete the coupon below

Mr, Mrs, Ms, Miss .....  
Name of practice .....  
Address .....  
.....  
Tel: Business ..... Home .....



Enter 28 on Express Enquiry Card

### FLOORMATE

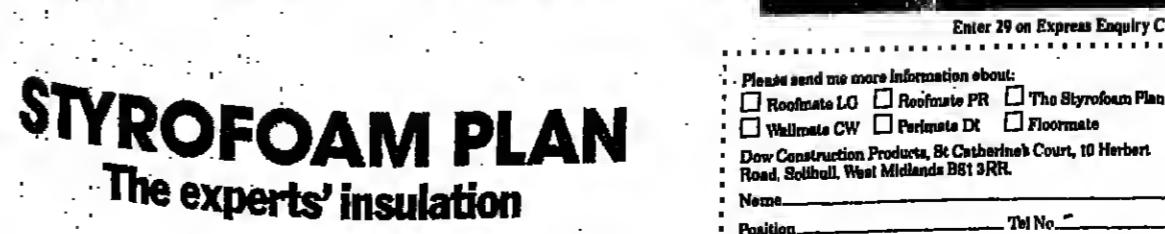
#### The experts' solution for floor insulation

Floormaste is a specially designed floor insulation material with high compressive strength (200-700 kN/m<sup>2</sup>), minimising long-term creep. High insulation values (0.025 to 0.028 W/mK) give you the thinnest possible insulation layer. Floormaste comes in three grades of compressive strength and thermal conductivity so you can choose the right insulation for any floor construction. The boards are tough, rigid, moisture resistant and non-degradable. Once installed, they perform to specification long-term, even under ground bearing floor slab.

### PERIMATE DI

#### The experts' solution for basement insulation

New Perimate-DI provides a highly effective long-term insulation and drainage system in a single product. Vertical channels on the exterior side form the drainage system which has a resistant filter fabric to prevent blockage. Perimate-DI has negligible water pick up and retains its high insulation values long-term. It is also resistant to salt acids, rotting and freeze/thaw cycles. The boards are fixed, in one easy operation, to the exterior of the underground structure. Backfilling can then be done with normal soil, without the need for gravel as drainage.



Enter 29 on Express Enquiry Card

Please send me more information about:

Roofmate LO  Roofmate PR  The Styrofoam Plan  
 Wallmate CW  Perimate DI  Floormate

Dow Construction Products, St Christopher's Court, 10 Herbert Road, Solihull, West Midlands B31 3JR.

Name ..... Tel No. ....

Position ..... Company ..... Address .....  
.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

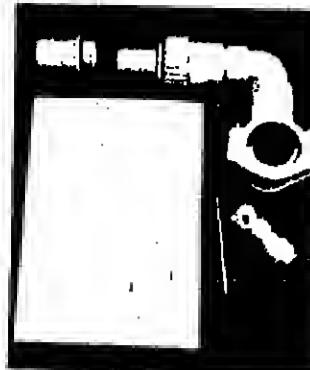
.....

.....

.....

## New products

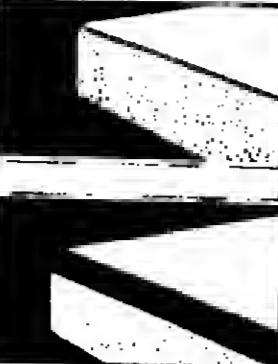
### Waste kit



**CONSTRUCTED** using durable plastic components, the new Plumbing Out Waste Kit from Plum-In Trade is suitable for connecting an appliance drain hose to an existing 1.25in or 1.5in waste pipe. A tool for cutting into the waste pipe is included in the kit. Other parts included are an integral anti-siphon valve to prevent back-siphoning of water to appliances and a set of easy-to-follow instructions.

Enter 122 ON EXPRESS ENQUIRY CARD

### Striking worktops



**AVAILABLE** through a national network of recommended fabricators, Formica's new Colorcore worktops make imaginative use of its through-colour laminate of the same name. Virtually custom-built, these worktops are initially launched in a range of edge details, which show off the possibilities of the laminate. These include square and rounded edges, a pinstriped effect and two hardwood edgings, one rounded and one chamfered.

Enter 125 ON EXPRESS ENQUIRY CARD



### ALL-WEATHER ROOF

**SIMPLE** fixing, no maintenance and superior ventilation — these are the three benefits claimed for the all-weather dry roofing systems recently launched by Tarcile's, the one-year-old concrete roof tile manufacturer which is now up and running and presenting real competition for its established rivals.

Consisting of two elements, the Dry Ventilated ridge and the Dry Covered verge system, Tarcile's all-weather roofing methods eliminate the use of mortar or wet trades from the pitched roof. Fixing complies with BS 5534: Part

I: 1978 and is completely mechanical, both with regard to the ridge and the verge, and a combination of covered verge and the block end of the ventilated ridge, adds considerably to the visual appeal of the gable.

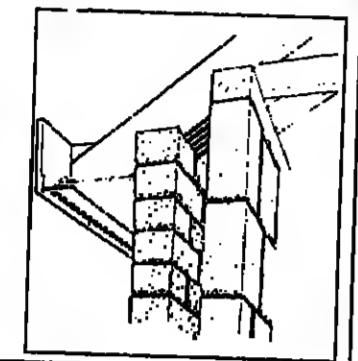
Both systems are designed for use with Tarcile's Gold Roll and Double Pantile profiles and the covered verge tiles are supplied in pairs (left- and right-handed).

Enter 120 ON EXPRESS ENQUIRY CARD

### Eaves vents

**DESIGNED** to be highly durable, the Westbrick Plastics Eaves Vent is made from high quality upvc with ventilation voids equivalent to a continuous 10mm gap. There is a strong glass-coated glass fibre mesh over the ventilation gaps to exclude birds and insects. The continuous slot is designed to hold and support soffit boards from 6mm to 10mm thick within its integral spring clip. The eaves vent complies with Building Regs and NHBC requirements.

Enter 123 ON EXPRESS ENQUIRY CARD



### Joint sealant

**NISSEI**'s new Tenoseal vapour barrier is a fully guaranteed vapour barrier of considerable quality. Now Nissei has introduced Tenoseal for use with Tenoseal. Unlike most jointing tapes, Tenoseal is a resistant seal, provided it is used with Tenoseal, covered by the same building lifetime guarantee as the vapour barrier. Supplied in cartridge form, Tenoseal is faster and easier to use than tapes, or than forming welded or multi-fold joints.

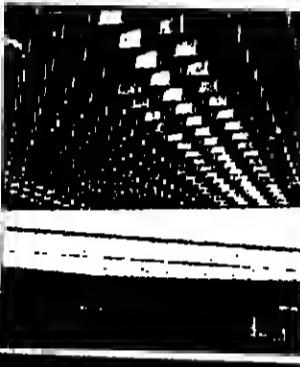
Consisting of two elements, the Dry Ventilated ridge and the Dry Covered verge system, Tarcile's all-weather roofing methods eliminate the use of mortar or wet trades from the pitched roof. Fixing complies with BS 5534: Part

I: 1978 and is completely mechanical, both with regard to the ridge and the verge, and a combination of covered verge and the block end of the ventilated ridge, adds considerably to the visual appeal of the gable.

Both systems are designed for use with Tarcile's Gold Roll and Double Pantile profiles and the covered verge tiles are supplied in pairs (left- and right-handed).

Enter 120 ON EXPRESS ENQUIRY CARD

### Open cell ceiling



**MADE** up of individual cells each 92mm deep, the new Formulux Contour aluminium open cell ceiling has just been introduced by Formwood. Two shapes of cell are available — square with rounded corners (Contour 4) and hexagonal (Contour 6). They can be stepped or slotted to a depth of 13 cells. Cells are made of 0.3mm aluminium with rolled rims. These are clipped together into four-cell square units.

Enter 124 ON EXPRESS ENQUIRY CARD

### Safe boards



**NDVOLAM** Secure, a fire retardant melamine-faced chipboard, distributed by Rex Bousfield, is available in a new range of colours. Plain shades, co-ordinated patterns and high definition woodgrains are available in this Class I and Class 0 board (to BS 476 Parts 6 and 7). Its chipboard core has been treated with fire retardant salts. Available in 8, 12, 16, 19 and 22mm thicknesses, Novolam Secure boards are 3,050mm x 1,850mm.

Enter 127 ON EXPRESS ENQUIRY CARD

### Flat roof tiles



**ETERNIT** 2000 Terrace tiles from Eternit TAC are intended to protect built-up felt or asphalt flat roofs covering from foot traffic or solar gain. Light grey in appearance, anti-slip and non-combustible, these new tiles are vermin and root proof and unaffected by frost. They are 300mm square and 11 tiles cover a square metre. In addition these fibre cement tiles are lightweight, durable and require minimal maintenance.

Enter 129 ON EXPRESS ENQUIRY CARD

### Folding door

**ESAVIAN** Metal Doors is a company which specialises in the truly huge door, for aircraft hangars and similar locations. It has also been successfully marketing its Type 128 aluminium folding door for openings up to 5.5m high for some time. This type of door allows a number of problems to be overcome using basically one type of door. Now the company has introduced a economy version of this door — the Type 128E. This is constructed in galvanised steel, is insulated and is for where cost effectiveness is paramount.

Enter 130 ON EXPRESS ENQUIRY CARD

### Access covers

**ELKINTON** Cubic is an economic way, introduced by Dover Engineering, of covering openings in paved areas in an unobtrusive fashion. These recessed covers and frames are fabricated to steel and can be filled with block paving to give the appearance of continuous paving. The frames have a single seal, but independent double sealing is achieved using a oetoprene or silicone gasket. Covers are available in light, medium or heavy duty versions.

Enter 131 ON EXPRESS ENQUIRY CARD

### Anti-slip floor

**CONGRIP** 2000 is a tough, easy-to-clean, anti-slip floor surface, comprising a graded mixture of hard aggregates bound by a powerful epoxy resin and applied in a nominal 2mm thickness to concrete, steel, wood or tile floors. Concen Chemicals produces the material and offers a supporting contracting service. Congrip is hygienic, resistant to most oils, chemicals, solvents etc. and when applied with a vacuum grit blast pre-treatment, can be trafficked within 36 hours.

Enter 132 ON EXPRESS ENQUIRY CARD

### This week

**TODAY** Rafael Moneo talks about his own work in the first of the series of lectures on Spanish Architecture organised by the Architectural Association. Venue: Architectural Association, 16 Bedford Square, London W1. Tel: 01-536 0974.

**TODAY BBC-2**

**House and Home** The Semi-detached. Details: Sue Lynas 01-580 4468 ext 2604/6350.

**TODAY**

Viking to a parsonage, a lecture organised by Art & Architecture Ltd. Venue: RIBA, 66 Portland Place, London W1. Details: Peter Rawstorne, 01-282 216.

**SUNDAY**

The history of photography, study organised by the Victoria & Albert Museum. Venue: Victoria & Albert Museum, London SW7. 11am-3pm.

**SUNDAY**

16th century embroidery, the first of a Saturday morning course until 10 September, organised by the Victoria & Albert Museum.

Venue: Victoria & Albert Museum, London SW7. 11am-1pm. Cost: £10.

Details: 01-589 6371.

**MONDAY**

Modern embroidery, the first of a Saturday morning course until 10 September, organised by the Victoria & Albert Museum.

Venue: Victoria & Albert Museum, London SW7. 11am-1pm. Cost: £10.

Details: 01-589 6371.

**TUESDAY**

Mies Van der Rohe: a centennial appraisal lecture by Professor Franz Schulte.

Venue: RIBA, 66 Portland Place, London W1. Cost: £1 to members and students, £2 to visitors.

Details: Hilary King, 01-580 5533.

**WEDNESDAY**

Street design, seminar organised by Local Government News. Venue: Birmingham.

Details: Local Government News, PO Box 11, Hereford House, Bridle Path, Croydon CR9 4NL.

Details: Carole Readon, 0281 272.

**MONDAY-WEDNESDAY**

30th International symposium on concrete roads, organised by Cemex.

Venue: RIBA, 66 Portland Place, London W1.

Cost: £10.50 for DIA members and their guests, £12.50 for non-members.

Details: DIA, 01-950 4925.

**VENUE:** Congress Centre, Aachen, Federal Republic of Germany.  
**DATES:** Cembureau, 2 Rue Saint Charles, F-75740 Paris Cedex 15 France. Tel: 250630 Cemburo.

**MONDAY**

Claims and their successful negotiation a one-day seminar organised by Wynton Services Ltd.

Venue: Royal Scot Hotel, Glasgow Road, Edinburgh.

Cost: £85 plus VAT.  
Details: Carol Vyse, Wynton Services, 74 Great King Street, Edinburgh EH3 6QU (031 558) 1686.

**TUESDAY**

Management and professional development for planners, workshop organised by the School for Advanced Urban Studies, University of Bristol.

Venue: Courses Secretary, University of Bristol, School for Advanced Urban Studies, Rodney Lodge, Orange Road, Bristol BS8 4EA. Tel: 0272 741 117.

**TUESDAY**

Tour of Elvaston Castle and Grounds, Derbyshire, and AGM organised by the East Midlands Study Group.

Venue: Ormawick school of the environment, Leeds Polytechnic, 1230pm.

Details: 0532 463 232.

**FRIDAY**

Recent projects, lecture by Richard Selfrid, organised by Leeds Polytechnic.

Venue: Ormawick school of the environment, Leeds Polytechnic, 1230pm.

Details: 01-360 2020.

**FRIDAY-JUNE 5**

Wood: an exhibition organised by the Crafts Council at the Victoria & Albert Museum.

Venue: Crafts Council Shop, Victoria & Albert Museum, South Kensington, London SW7. Details: 01-930 4811.

**JUNE 6-JULY 28**

Festivals through form an exhibition of eight contemporary British sculptors.

Venue: Sculpture Court, Barbican Centre, London EC2Y 8DS.

Cost: Admission is free.

Details: Valerie Fox, 01-340 3007.

### Dateline

Items for consideration must be received 10 days prior to publication



**ASSOCIATES** for the development of No 1 Poultry.  
**VENUE:** Former Aldermen's Courtroom, Guildhall, London EC2.

Details: Georgie Gibbs, 01-799 9811.

**UNTIL JULY 3**  
New design for old, exhibition.  
**VENUE:** Boilerhouse, Victoria & Albert Museum, London SW7. Weekdays and Saturdays 10am-5.30pm, Sundays 2.30-5.30pm, closed Fridays.  
Cost: Free to the Boilerhouse.  
Details: 01-581 5273.

**UNTIL JULY 20**  
The complete Coal Beat at the Barbican an exhibition organised by the Barbican Art Gallery.  
**VENUE:** Barbican Art Gallery, Level 8, London EC2. Details: Christopher Senior, 01-638 5403.

**UNTIL JUNE 21**  
The Story of the Bow, an exhibition.  
**VENUE:** The Avoncroft Museum of Buildings, Stoke Heath, Bromsgrove, Worcestershire B60 4JR.  
Details: 05271 313 63.

**JUNE 28-JULY 20**  
City: Two views, exhibition of the work of London-based artists Oliver Bevan and Ron Bowen as part of the City of London Festival.  
**VENUE:** Concours Gallery at the Barbican, London EC2.  
Details: Christopher Senior, 01-638 5403.

**Subscription details**

**BUILDING DESIGN** is published weekly and sent free of charge to registered architects working in the UK and selected members of allied trades. Subscription rates: one year £30, overseas \$80, single copies 60p. Orders to: Subscription Dept, Morgan Gremplian (Construction Press) Ltd, Morgan Gremplian House, Calderwood St, London SE18 8QH (01-858 7777).

### Exhibitions

June 3-June 6  
Exhibition of the proposals by James Stirling, Michael Wilford &

**USE EXPRESS ENQUIRY CARD OPPOSITE...**  
The enquiry card opposite is a simple easy way to obtain information on manufacturers' products or literature in this issue. Postage is FREE and we pass your enquiry on to the manufacturer within 24 hours of receiving it. The number of enquiries and the quality are a barometer for advertisers to gauge how Building Design performs for them. So make sure that any product or service you need information on you use this card.

- ARCHITECTURAL TECHNICIANS** Enquiry no 31
- FUEL** Enquiry no 20
- BRITISH GAS** Pages 20, 21
- HEATING** Enquiry no 24
- HAENNI LIMITED** Page 25
- VAILLANT LTD** Pages 4, 5
- BUILDING BLOCKS** Enquiry no 13
- INSULATION** Enquiry nos 25, 26, 27, 28, 29
- BRICKS AND BLOCKS** Enquiry no 21
- LAMINATED PLASTICS** Enquiry no 18
- CLADDING** Enquiry no 4
- KONE MARRYAT SCOTT LIMITED** Enquiry no 8
- FOLLETT LTD** Enquiry no 12
- COMPOSITE SYSTEM** Enquiry no 11
- PRECISION METAL FORMING LIMITED** Enquiry no 11
- CARVED SECTIONS** Enquiry no 1
- PLAN PRINTERS** Enquiry no 7
- ANTI-SLIP FLOOR** Enquiry no 9
- ROOFING** Enquiry no 16
- WOOD PROTECTION** Enquiry no 22
- STRUCTURAL TIMBER** Enquiry no 3
- SEALANTS** Enquiry no 15
- STAINLESS STEEL** Enquiry no 10
- W &**







# PRIVATE SECTOR APPOINTMENTS

**MALLA**  
ARCHITECTURAL  
HOT LINE  
01-387 1043  
334 Euston Road,  
London NW1 3BG

Busy Islington practice requires  
EXPERIENCED TECHNICIAN  
to work on various residential  
projects. Salary by negotiation.  
Apply to:  
Bill Hunt  
Thomas & Hunt Associates  
144 Liverpool Road  
London N1 1LA  
Tel: 01 609 7866

**STIRLING**  
RECRUITMENT CONSULTANTS  
! Technicians !

Kingston, Richmond,  
Orpington, Hitchin,  
Central London  
Contract/Parm. —  
Exc. Roles/ Salaries  
Imm. Sterile — Don't  
delay:

Stirling House  
44 Richmond Road  
Kingston  
Surrey KT2 6EE  
01-548 3720  
Recruiting with Results

**JOB ARCHITECT**  
Minimum 3 years post qualification  
experience

**DESIGN ARCHITECT**  
Minimum 5 years post qualification  
experience, both work in London.  
Familiarity with local regulations  
and approvals required.  
Send CV to:  
Kirkwood & Associates Ltd  
18 Regent St, London SW1 4LR

**ARCHITECTS/  
ASSISTANTS/  
TECHNICIANS**  
required to work on a variety of new build  
and refurbishment projects.  
Please write with CV to:  
David Readman Partnership  
Sovereign House  
Sovereign Town Centre  
London SE14 6NT

**ARCHITECT &  
TECHNICIAN**  
Salary £21K & £10K  
for small lively practice in Guildford.  
Sister Site Partnership  
33-35 Seaford Brook  
Guildford  
Tel: 0438 650918

**DENNY & BRYAN**  
Fully require  
**AN AMBITIOUS  
QUALIFIED ARCHITECT**  
with minimum 3-5 years post qualification  
experience for an interesting varied and  
expanding workload. The successful  
applicant must have design flair, sound  
knowledge of construction and be  
competent in contract administration.  
Send CV with details of availability and  
salary required to:  
E. J. Lawless  
Partnership Secretary  
Denny & Bryan  
38 The Avenue  
Watford, Herts, WD1 3NS

**ARCHITECTURAL  
ASSISTANT**  
Part 1 with some site experience  
required to work on a variety of  
projects incl. archive studios,  
sports hall, wine bar, workspace,  
conversions etc.

**Philip Lancaster Associates**  
18 Filton Street  
London WC2H 8DJ  
01 582 7580

**Montrose Architecture**  
TELEPHONE THE END OF THIS ADVERT  
THE END OF THIS ADVERT  
A mark of gold appears after the large square  
indicating that you are reading an  
advertisment in the private sector.  
If you wish to make a telephone call  
about any of our advertisements, this is your  
last chance to do so. Please note that our  
standard package 020 32000

**FAIRBRIAR HOMES LTD**  
require a  
**JUNIOR  
ARCHITECTURAL  
ASSISTANT**  
to join an expanding  
Architectural team involved in  
some of the most exciting  
residential developments in the  
South East.  
Apply in writing to:  
Russell Woods  
Fairbriar Homes Ltd  
9 The Parade  
Epsom, Surrey KT18 5DF

**AMSA**  
SECRETARIAL AND  
ADMINISTRATIVE STAFF  
For Permanent and Temporary  
Appointments  
Architectural Management and  
Societal Agency  
Recruitment Consultants  
London N1 734 0832

**Architectural  
Assistant Pt II**  
Interested in working on historic  
buildings.  
Please reply with C.V. to:  
David Jeffcoate  
5 Dryden Street  
London WC2E 9NW

**ARCHITECTS &  
TECHNICIANS**  
Contract and Permanent work  
All UK locations  
C.V. to:  
H.E. Unified  
Loyalty House  
Church St  
Altrincham  
Cheshire WA16 4DT  
Tel: (0161) 451 4981  
[Fax] 0161 320 7808  
AGENCY

**Austin Vernon  
Associates**  
require  
**Assistant  
Architect**  
with a minimum of 2 years  
post graduate experience.  
Apply to:  
17 Denbigh Street  
Pimlico  
London SW1V 9HH  
Tel: 01-898 3111

**YOUNG  
EXPERIENCED  
ARCHITECTS**  
Requires to supervise / design large  
offices mainly in City of London.  
GARDEN PIAZZA, 100 STRELL  
& Richmond Hill  
Richmond, Surrey TW10 4DX  
01-940 8844

**LEATHERHEAD**  
Architectural Assistant &  
Architectural Technician  
required for small practice.  
Please write with C.V. to:  
Surrey House, Church St  
Leadership  
London TW8 9EA  
081-576 6534

**ARCHITECTURAL  
ASSISTANT/TECHNICIAN**  
interesting varied workload.  
Apply:  
Douglas Dredett Associates  
11 Bedford Row  
Worthing  
Tel: Worthing 20 5552

**PURCELL MILLER TRITON &  
PARTNERS** require  
**ARCHITECT/ASSISTANT**  
to work upon a wide variety of  
interesting projects.  
Apply in writing with CV to:  
Purcell Miller Triton & Partners  
64 busy walk, London SW16 0QA

**Montrose Architecture**  
TELEPHONE THE END OF THIS ADVERT  
THE END OF THIS ADVERT  
A mark of gold appears after the large square  
indicating that you are reading an  
advertisment in the private sector.  
If you wish to make a telephone call  
about any of our advertisements, this is your  
last chance to do so. Please note that our  
standard package 020 32000

**Montrose Architecture**  
require a  
**YOUNG &  
BRIGHT  
BUILDING ENGINEER**  
is available as  
**ARCHITECT OR  
ASSISTANT ARCHITECT**  
Phone:  
01-582 9329  
Recruitment Consultants

**MRP**  
**A UNIQUE JOB**  
All expenses paid travel throughout the  
UK. Age, sex, race, ethnicity or gender are irrelevant  
but full round ability and experience are crucial,  
and knowledge of shopping centres a distinct advantage. London  
based but with nationwide opportunities.  
Architects, Surveyors, Engineers, Quantity Surveyors,  
Contract documents, design consultants,  
etc. We also have many other opportunities  
available covering a variety of hotel  
projects to keep you occupied in your  
spare time!  
High salary for the right person  
Send C.V. now.  
M. A. Partnership  
Architects & Interior Designers  
85 Wimpole Street, London NW1

**Architectural  
TECHNICIAN**  
Required to join small busy  
practice with varied work load.  
Minimum qualifications HNC/HND.  
Salary commensurate with  
age and experience.  
Write with full C.V. to:  
Bennett & Brown  
15 Carr Road  
Nelson  
Lancashire  
BB9 7JS

**ROEVIN**  
The agency requires  
Architectural Technicians  
for long term contracts  
In the North of England.  
Phone Eddie Austin  
061-969-3678  
(Evenings 081-888-4167)

**Austin Vernon  
Associates**  
require  
**Assistant  
Architect**  
with a minimum of 2 years  
post graduate experience.  
Apply to:  
17 Denbigh Street  
Pimlico  
London SW1V 9HH  
Tel: 01-898 3111

**YOUNG  
EXPERIENCED  
ARCHITECTS**  
With 3-5 years experience, good design ability and interest  
in conservation of historic buildings.  
Please send C.V. to:  
Caroe & Martin  
99 Brunswick Street  
London NW1

**LEATHERHEAD**  
Architectural Assistant &  
Architectural Technician  
required for small practice.  
Please write with C.V. to:  
Surrey House, Church St  
Leadership  
London TW8 9EA  
081-576 6534

**ARCHITECTURAL  
ASSISTANT/TECHNICIAN**  
interesting varied workload.  
Apply:  
Douglas Dredett Associates  
11 Bedford Row  
Worthing  
Tel: Worthing 20 5552

**PURCELL MILLER TRITON &  
PARTNERS** require  
**ARCHITECT/ASSISTANT**  
to work upon a wide variety of  
interesting projects.  
Apply in writing with CV to:  
Purcell Miller Triton & Partners  
64 busy walk, London SW16 0QA

**Montrose Architecture**  
TELEPHONE THE END OF THIS ADVERT  
THE END OF THIS ADVERT  
A mark of gold appears after the large square  
indicating that you are reading an  
advertisment in the private sector.  
If you wish to make a telephone call  
about any of our advertisements, this is your  
last chance to do so. Please note that our  
standard package 020 32000

**ARCHITECT/  
ARCHITECTURAL  
ASSISTANT**  
urgently required by small busy office  
dealing with a variety of work.  
Also part-time position from 8/87.  
Apply with C.V.  
KMP Architects  
69 Loudoun Road  
London NW8  
01 932 8182

**RECRUITMENT HOLDINGS LTD**  
require  
**SENIOR INTERIOR DESIGNERS**  
Permanent positions London  
**ARCHITECTURAL TECHNICIANS**  
(various positions Junior - Senior level London)  
Please send your C.V.  
Recruitment Holdings Ltd  
INTERNATIONAL  
RECRUITMENT  
CONSULTANTS

**Architectural  
SENIOR ASSISTANT**  
Small practice seeks a non smoking person  
with initiative and imagination to handle a  
wide variety of projects situated throughout  
the Country.  
Apply writing to:  
Malcolm P. Head  
Chartered Architects  
95 High Street  
Harpenden, Herts, SG1 1HD

**B.D.S.**  
require  
**ARCHITECTURAL  
TECHNICIANS**  
**BUILDING SERVICES  
ENGINEERS**  
for Working office  
Tel:  
Woking (0486) 56471

**SENIOR  
ARCHITECTURAL  
TECHNICIAN  
IN PETERBOROUGH**  
Apply in first instance by telephone  
to:  
Morpeth Associates  
4 Granville Street, Peterborough  
Tel: 0579 48141/2

**ROEVIN**  
The agency requires  
Architectural Technicians  
for long term contracts  
In the North of England.  
Phone Eddie Austin  
061-969-3678  
(Evenings 081-888-4167)

**Shepherd Epstein & Hunter**  
require a  
**JOB ARCHITECT**  
with at least 3 years experience.  
Please send C.V. to:  
Shepherd Epstein & Hunter  
40 Kingsway St  
London WC2B 4JY

**IAN BRIDGES  
ARCHITECTS**  
require an  
**ARCHITECT**  
With 5 years experience.  
Telephone  
081-338 1797  
for an interview

**CAMBRIDGE LTD**  
**CCDC**  
**ARCHITECTURAL  
TECHNICIAN**  
CAD  
GDS

**SITUATIONS WANTED**  
**DUTCH  
YOUNG & BRIGHT  
BUILDING ENGINEER**  
is available as  
**ARCHITECT OR  
ASSISTANT ARCHITECT**  
Phone:  
01-582 9329  
Recruitment Consultants

**RECRUITMENT HOLDINGS LTD**  
require  
**Project Architect**  
In their London office with over 3 years post qualification  
experience for an ambitious community architecture scheme.  
Apply with C.V. to:  
17-19 Emerald Street  
London WC1N 3QL

**Recruitment Holdings Ltd**  
INTERNATIONAL  
RECRUITMENT  
CONSULTANTS

**bwp**  
**THE BARTON WILLMORE PARTNERSHIP**  
**JOIN THE NEW ELITE**

Due to the continued expansion of our Computer  
Aided Design System we urgently require another  
operator.  
The successful applicant, end Architect or  
Technician or Assistant, is likely to have 5 years office  
experience including the preparation of working  
drawings for industrial, commercial and residential  
projects and be capable of working with the  
minimum of supervision.  
Experience with C.A.D. advantageous but not  
essential as full training given.  
Attractive salary with benefits, including paid  
overtime.

Please apply in writing with full C.V. and present  
salary to:  
**THE BARTON WILLMORE PARTNERSHIP**  
Architects & Town Planners  
Beaconsfield Farmhouse, Bourne Close  
Celcot, Reeding RG3 7BW

**Subscription details**  
Building Design is published weekly and sent free of  
charge to registered architects working in the UK and  
selected members of allied trades. Subscription rates:  
one year £30, overseas \$80, single copies 80p. Orders  
to: Subscription Dept, Morgan-Grampian (Construction  
Press) Ltd, Royal Sovereign House, 40 Beresford  
Street, London SE18 8BQ (01-854 2200).

**1. PART I OR PART II  
STUDENTS**  
to undertake general supporting roles.

**2. ARCHITECTS**  
With between 2 and 4 years appropriate office  
experience.

**3. SENIOR ARCHITECTS**  
With upwards of 4 years appropriate office  
experience with design, technical and contract  
expertise.

**4. PROJECT ARCHITECTS**  
To lead section teams on major architectural  
projects.

**5. ARCHITECTS**  
With particular design capabilities and technical  
expertise in thin-wall cladding/building  
enclosure systems. Upwards of 4 years experience.

**6. TECHNICIANS**  
With either  
i) experience of large-scale building works  
ii) experience of thin-wall cladding systems

Our current office restructuring means that the right  
people could take on key roles contributing to the  
firm's future direction.  
This is an exciting and informal office which relies on a  
very capable and dedicated personnel sharing  
responsibilities in project teams. We are committed to  
realising the products of innovative design. And  
enjoying the process!

Please apply in writing with CV, work samples, and  
daytime telephone number, stating which of the above  
positions you're interested in.

Jane Kille  
Christopher Little Consultants Ltd  
49 Queen Victoria Street  
London EC4N 4SA  
Tel: 01-836 5881 Telex: 683968 HEADS G

**Lyster Grillet & Harding**  
require  
**Project Architect**  
Following a number of recent successful completions, opportunities exist to  
take them through all stages to supervisor.  
We are also looking for Project Architects and Technicians with poor qualifications  
experience, able to demonstrate design appreciation and sound technical knowledge.  
We would also welcome applications from newly qualified students for certain  
vacancies.

**RECRUITMENT HOLDINGS LTD**  
require  
**SENIOR INTERIOR DESIGNERS**  
Permanent positions London  
**ARCHITECTURAL TECHNICIANS**  
(various positions Junior - Senior level London)  
Please send your C.V.  
Recruitment Holdings Ltd  
INTERNATIONAL  
RECRUITMENT  
CONSULTANTS

**SWINHOE MEASURES PARTNERSHIP**  
West London practice urgently require  
**EXPERIENCED PROJECT  
ARCHITECTS & TECHNICIANS**

Salary by negotiation.  
Reply in writing with C.V. or by telephone to:  
Miss Tatham  
233 Walmer Rd  
Holland Park, London W11 4EY  
Tel: 01-221 7038

**WHIZZ KID ARCHITECT**  
wanted by the Bristol Office of  
**HUBBARD FORD PARTNERSHIP**  
We have a number of interesting and varied projects which  
require a talented input.  
If you want to spread your wings in the West Country apply  
with CV (illustrated if possible) to:

Roger Wilson  
Hubbard Ford Partnership  
3/8 Redcliffe Parade West  
Bristol  
BS1 6SD

**THE HALPERN PARTNERSHIP**  
**CLERK OF WORKS**

an experienced Clerk Works is required for 80 weeks  
contract starting August 1988 for a prestige new ten  
storey office building in West London.

Salary will be negotiable and related to the Institute of  
Clerk of Works recommendations.  
Applications in writing giving details of qualifications and  
experience to:

Mr Gordon Thomson  
The Helpem Partnership  
Leonard House  
9-15 Leonard Street  
London EC2A 4HP

**Rock Townsend**  
Rock Townsend needs Architects at various levels of  
experience and responsibility for several projects at  
different stages of development.  
The firm's work is in new-build; the regeneration and  
adaptation of old and new buildings; interior architecture;  
retail design; planning; development; and project  
initiation and 'knitting'. The firm currently numbers 56  
working in 4 project groups and a management and  
resources group. Group members can be involved in all  
projects in their group, with specific responsibility for  
particular projects.

Current projects include: The Crownlands Centre, Camden  
— see BD 23rd May; The Middlesex Polytechnic; Further  
stage; the phased rehabilitation of 5-storey inter-war flats at Islington; interior design of IBM offices at Warwick  
and Bristol; 61 new flats at Ware, Herts; workspace and  
showrooms at Bath; new Business Centre at Middlesex;  
a limited competition for the Children's Museum  
at Wetherby; a range of retail outlets throughout the U.K.; a  
limited competition for specialty shopping at Tower Hill,  
London.

Also the following projects which need Architects with a  
minimum of four years experience:

\* To assist Project Architect on a new-build £8.5M

european HQ for an insurance company in North London.

At tandem stage.

\* To assist Project Architect on the refurbishment of a

listed building in Newcastle to flats, workspace,

commercial and retail, now on site.

\* Project Architect for a new restoration phase of a

Lutyens building at Hampstead garden suburb. Just

starting.

\* Two Architects with housing experience to join team at

# PUBLIC SECTOR APPOINTMENTS



**Ogwr  
Borough Council**

**ARCHITECT'S DEPARTMENT  
PROJECT ARCHITECT**

Salary Grade: S.O.2 - £10,850 to £11,804 per annum

Applications are invited from registered architects for the post of Project Architect in the Department of the Borough.

The Authority has one of the largest building programmes in the Principality, primarily

in social needs housing, leisure and public buildings.

The Department provides a comprehensive architectural and quantity surveying

service to all arm's length units of the Council, mainly with CAO techniques (C.I.P.D.)

Committee policies are implemented, particularly in the housing field, and the successful

looking concepts for these and other building types

The Borough is situated centrally on the South Wales Coast, on the motorway and

inter-city rail networks, and encompasses areas of the national environment

and industrial valleys to heritage coastline, from mountains to sea-side resort

The post carries an Essential User Car Allowance.

Temporary housing accommodation, removal expenses, lodger allowance and/or

assistance with legal costs are available in appropriate cases.

APPLICATION FORMS, which must be returned to M.A.B. Anthony, Borough

Personnel Officer, by FRIDAY 8TH JUNE 1986, are available from him at the

Borough Building, Queen Street, Bridgend, Mid Glam CF31 9XK. Telephone:

Bridgehead (0483) 82141, ext 2308.

Carrying of names either directly or indirectly will disqualify a candidate

**DEPARTMENT OF DEVELOPMENT  
CONSTRUCTION DIVISION**

**Architectural Assistant**

Scale 6 (2 Posts)  
Salary £8,975-£9,591 p.a.  
plus £1,138 L.W. and supplements

The Construction Division at Brent Development is a multi-disciplinary design office which handles a large and varied programme of projects both for the Council and for other organisations.

As an ambitious and developing professional office we are seeking to strengthen our design resources through the appointment of new architectural staff.

Assistants qualified up to RIBA/RICS Part I for five years practical experience are now required to play a full part in the Division's activities. Candidates must be able to demonstrate the ability to run small projects or to contribute as part of a team on larger jobs and an understanding of works in occupied property.

Application forms and job descriptions from the Personnel Division Room 1, Brent Town Hall Annex, King's Drive, Wembley, Middlesex HA9 9BR returnable 20th June 1986, telephone 01-903 0371 (24 hour Ansafone service). Reference number D/8/must be quoted.

**London Borough of  
BRENT** Brent is an Equal Opportunity Employer Job sharers welcome

**Haringey making equal Opportunities a reality**

**BUILDING DESIGN SERVICE  
BROADWATER FARM GROUP**

Over 40% of Haringey's population is made up of black and minority ethnic people. Haringey is an Equal Opportunities Employer committed to race equality relative to their proportion in the local community.

The black and minority ethnic people are under-represented in some professional and managerial areas. Section 38 of the 1976 Race Relations Act allows an employer to positively encourage people from the under-represented groups (Afro-Caribbean, Asian, Turkish and Greek Cypriots) to take advantage of opportunities that arise in those areas.

This Service is approximately 200 staff designs and supervises the construction of all types of buildings from new and rehabilitation houses and flats to leisure centres and central support teams under a Management Board consisting of the leaders of each of the teams. The Council is committed to equal opportunities, accountability to local community and the development in this service of a system of collective responsibility and decision-making (self-management).

The Building Design Service is expanding its services and will be setting up a new team on the Broadwater Farm estate in Tottenham with a view to work closely with residents and other Council services already established on the estate. Members of the team, being professionals in their own field, will be expected to find solution to projects, including community centre and workshops, keeping in view issues of racism, discrimination and other difficulties experienced by black and minority ethnic people. Group will actively support community built project on the estate. Managerial areas of the Service. We would, therefore, particularly welcome applications from these sections of the community for the following posts. Community organisations on the estate will be involved in the selection of applicants.

**Architects & Engineers**

**ARCHITECT — CO-ORDINATOR (1 Post)**

PO3 to PO4 - £13,578-£15,804 p.a. Inc.

801 to P01 - £10,888-£12,881 p.a. Inc.

To co-ordinate the design strategy, detect investigation and building project work on the estate; ensure a co-ordinated approach to the involvement of residents and community organisations in that work; and ensure the effective management of the group within the context of the Mid-Tottenham Area Team. You will be expected to be capable of working as a project architect for the most complex projects and to demonstrate expertise in a number of specific listed areas. You will also be expected to act as Group Leader and must be capable of leading a team of approximately 12 technical staff. In addition, you must be capable in dealing with the many complex issues affecting minority groups.

**ARCHITECT — STRATEGY (2 Posts)**

PO3 to PO4 - £13,578-£15,804 p.a. Inc.

801 to P01 - £10,888-£12,881 p.a. Inc.

To investigate and develop options to determine a long-term strategy for the estate. This post will assist the PO3-PO4 project leader.

**ARCHITECT OR SURVEYOR — DEFECTS (1 Post)**

PO3-PO4 - £13,578-£15,804 p.a. Inc.

You should have considerable experience of building construction and the ability to relate to relationships with residents.

**ARCHITECT — PROJECTS (1 Post)**

PO3 - £13,378-£14,718 p.a. Inc.

To undertake responsibility for all but the most complex rehabilitation and new building projects.

**BUILDING SERVICES ENGINEER (1 Post)**

P01 to P03 - £11,973-£14,718 p.a. Inc.

To help develop the long term strategy and, in the short term, work on specific new building projects and the maintenance and upgrading of existing district heating and estate lighting. Working conditions include flexible hours, maternity/paternity leave and help with removal expenses where applicable. The Council encourages all staff to be members of an appropriate trade union. Staff will be appointed to the Building Design Service and may be required to work on projects in other areas of the Borough. For further information and an informal discussion regarding the above posts, please phone Bob Metz or John Lee 01-340 3266, exts 282 and 237, respectively. For an application form, please show reference PO3-PO4, ext 206 or write to the Management Board, Building Design Service, Hornsey Town Hall, The Broadway, Crouch End, London N8 9JS. Closing Date: 20th June 1986.

**Haringey**

Haringey is an equal opportunity employer. We welcome your application which will be considered on merit, irrespective of race, marital status, sex or any disability you may have.

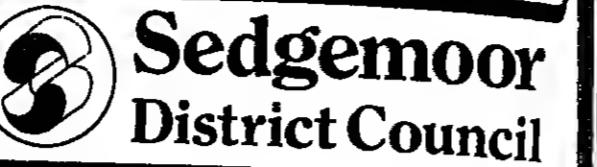
For 1st year appointments Telephone 01-737 1453 or 5004 (ext 100) 01-737 0404 or 5004 (ext 101) Paul Hudd Building, 1, Brentford Road, 19 Oldwood Street, Brentford TW8 9PL.

CLASSIFIED ADVERTISEMENT RATES £18.50 per single column centimetre. Box number £8.50 column per page.

Advertisements Published on Fridays. Latest copy date is first published Monday prior to publication date or by telephone up until 4.30 pm.

Cancellations Seven days prior to publication.

# PUBLIC SECTOR APPOINTMENTS



**TECHNICAL SERVICES DEPARTMENT**

**SENIOR ARCHITECT**

SO1/2 £9,975-£11,604

An experienced architect, aged over 40, is required by a progressive computer-oriented local authority practice, providing there is scope to develop management skills by assisting in the monitoring of all projects and the control of staff.

Housing accommodation may be available in appropriate cases and the cost of removal of furniture and effects will be reimbursed in full.

Sedgemoor District covers 140,000 acres of coastal and rural Somerset, lying between the Mendip and Quantock Hills.

Application forms and job descriptions available from the Personnel and Management Services Officer, Town Hall, Bridgwater, Somerset, (telephone Bridgwater 424391). Closing date: Monday, 16th June, 1986.

IF YOU HAVE A RECRUITMENT PROBLEM, RING BUILDING DESIGN

LET THEM HELP YOU TO ADVERTISE YOUR VACANCIES WHETHER IT'S FOR ARCHITECTS, ARCHITECTURAL ASSISTANTS, TECHNICIANS, SURVEYORS, ENGINEERS, CLERKS OF WORKS, OR ANY OTHER BUILDING SPECIALISATION

TAKE THE INSIGHT OF RECRUITING STAFF OFF YOUR SHOULDERS, RING BUILDING DESIGN ON 01-895 7777, EXT 453 OR 2004 AND ASK FOR PAUL HUDD OR DAVID PENNY

**THE QUEEN'S UNIVERSITY OF BELFAST**  
**LECTURESHIP IN ARCHITECTURE**

RE-AVERTISMENT

Islington, through the Architectural Department, has a tradition of high quality community architecture in its major estate action programme which is expected to continue until 1984. This involves work to both occupied and unoccupied dwellings to improve the general level of facilities and space standards of them, the surrounding environment and estate security by sensitive design and landscaping.

**Senior Architect or Surveyor**

Grade PO3: £14,202 to £15,342

Ref: AR25

Required to join a team responsible for rehabilitation projects in this programme, together with Estate Improvement and security projects. The person will be responsible to a Principal Surveyor for all aspects of job running from feasibility to final account.

Applicants must have a minimum of 5 years post RIBA or RICS qualification experience or 12 years direct experience and preferably have experience in housing rehabilitation and been responsible for all aspects of a complex project.

The postholder will run at least one complex project or several simpler projects and lead a small team of up to three assistants. The person may be required to assist with the teaching of staff still directed to his/her projects, and should have the ability to supervise within the context of the Council's Equal Opportunities Employment Policy.

The successful candidate should have the ability to produce design and construction information, including reports, show responsibility for all aspects of job running from feasibility to final account, and be able to communicate clearly and effectively both verbally and in writing with other members of the design team, Contractors and tenants. Applicants should have a knowledge of building construction, specification writing, building contracts and the appropriate legislation.

In addition, applicants for the post should be able to carry out general surveys, carry out feasibility design, and have clear and accurate drafting and design skills. They should also be able to demonstrate ability in contract and project management, and be prepared to attend occasional evening meetings.

This job is open to full-timers and those wishing to jobshare on a half-time basis.

Application forms are available from:— The Borough Architect, 222 Upper Street, London N1 2UY. Tel: 01-364 7040. Closing date: 13th June, 1986.

Our jobs are open to all races, both sexes, lesbians and gay men, and we have a positive attitude towards the employment of disabled people.

Please quote Ref TK876/80.

Please quote Ref TK876/80.

MANCHESTER City Council

Detaining Jobs - Improving Services

MANCHESTER City Council

Equal opportunities employer

MANCHESTER City Council